

REFERENCES

- Abel, D. (2017). Animal advocates say removal of database hurts efforts to prevent abuse. *Boston Globe*, July 9, 2017. Available at: <http://www.bostonglobe.com/metro/2017/07/19/animal-advocates-say-removal-database-hurts-efforts-prevent-abuse>.
- Abell, R., Thieme, M.L., Revenga, C., *et al.* (2008). Freshwater ecoregions of the world: a new map of biogeographic units for freshwater biodiversity conservation. *BioScience*, **58**, 403–14. DOI: 10.1641/B580507.
- Abernethy, K., Maisels, F. and White, L.J.T. (2016). Environmental issues in central Africa. *Annual Review of Environment and Resources*, **41**, 1–33. DOI: 10.1146/annurev-environ-110615-085415.
- Abood, S.A., Lee, J.S.H., Burivalova, Z., Garcia-Ulloa, J. and Koh, L.P. (2015). Relative contributions of the logging, fiber, oil palm, and mining industries to forest loss in Indonesia. *Conservation Letters*, **8**, 58–67. DOI: 10.1111/conl.12103.
- Abram, N.K., Meijaard, E., Wells, J.A., *et al.* (2015). Mapping perceptions of species' threats and population trends to inform conservation efforts: the Bornean orangutan case study. *Diversity and Distributions*, **21**, 487–99. DOI: 10.1111/ddi.12286.
- Abutu, A. and Charles, E. (2016). C/River communities reject superhighway. *Daily Trust*, March 9, 2016. Available at: <https://www.dailytrust.com.ng/news/environment/c-river-communities-reject-superhighway/137088.html>.
- Achard, F., Beuchle, R., Mayaux, P., *et al.* (2014). Determination of tropical deforestation rates and related carbon losses from 1990 to 2010. *Global Change Biology*, **20**, 2540–54. DOI: 10.1111/gcb.12605.
- ADB (2008). *Preparing the Cumulative Impact Assessment for the Nam Ngum 3 Hydropower Project*. Manila, Philippines: Asian Development Bank (ADB). Available at: <https://www.adb.org/projects/documents/preparing-cumulative-impact-assessment-nam-ngum-3-hydropower-project-financed-j-o>.
- ADB (2011). *Asia Solar Energy Initiative: A Primer*. Manila, Philippines: Asian Development Bank (ADB).
- ADB (2012). *Environment Safeguards: A Good Practice Sourcebook*. Manila, Philippines: Asian Development Bank (ADB). Available at: <http://www.adb.org/sites/default/files/institutional-document/33739/files/environment-safeguards-good-practices-sourcebook-draft.pdf>.
- ADB (2017). *Meeting Asia's Infrastructure Needs*. Manila, Philippines: Asian Development Bank (ADB). Available at: <https://www.adb.org/sites/default/files/publication/227496/special-report-infrastructure.pdf>.
- Adeney, J.M., Christensen, N. and Pimm, S.L. (2009). Reserves protect against deforestation fires in the Amazon. *PLoS One*, **4**, e5014.
- ADF (2011). *Lom-Pangar Hydroelectric Project. Republic of Cameroon. Project Appraisal Report. November 2011*. Tunis, Tunisia: African Development Fund (ADF), African Development Bank Group. Available at: [http://www.afdb.org/fileadmin/uploads/afdb/Documents/Project-and-Operations/Cameroon%20-%20AR%20-%20Lom-Pangar%20Hydroelectric%20Project%20\(Final\).pdf](http://www.afdb.org/fileadmin/uploads/afdb/Documents/Project-and-Operations/Cameroon%20-%20AR%20-%20Lom-Pangar%20Hydroelectric%20Project%20(Final).pdf).
- AfDB (2011a). *Africa in 50 Years' Time: The Road Towards Inclusive Growth*. Tunis, Tunisia: African Development Bank (AfDB). Available at: <https://www.afdb.org/fileadmin/uploads/afdb/Documents/Publications/Africa%20in%2050%20Years%20Time.pdf>.
- AfDB (2011b). *Republic of Cameroon. Lom-Pangar Hydroelectric Project. Summary of the Environmental and Social Impact Assessment (ESIA)*. Abidjan, Ivory Coast: African Development Bank (AfDB), Energy, Environment and Climate Change Department. Available at: https://www.afdb.org/fileadmin/uploads/afdb/Documents/Environmental-and-Social-Assessments/2011%20Lom-Pangar%20R%C3%A9sum%C3%A9%20Environnemental%20et%20Social_EN.pdf.
- AfDB (2013). *Safeguards and Sustainability Series: African Development Bank Group's Integrated Safeguards System. Policy Statement and Operational Safeguards*. Tunis, Tunisia: African Development Bank (AfDB). Available at: https://www.afdb.org/fileadmin/uploads/afdb/Documents/Policy-Documents/December_2013_-_AfDB%20in%2050%20Years%20Time.pdf.

- AfDB (2015). *Multinational Cameroon-Congo-Ketta Djoum Road Project and Facilitation of Transportation on the Yaoundé-Brazzaville Corridor_Phase 2 – Summary ESIA – 06 2015*. Tunis, Tunisia: African Development Bank (AfDB). Available at: https://www.afdb.org/en/documents/document/multinational-cameroon-congo-ketta-djoum-road-project-and-facilitation-of-transportation-on-the-yaounde-brazzaville-corridor_phase-2-summary-esia-06-2015-54091/.
- AfDB, OECD and UNDP (2015). *African Economic Outlook 2015: Regional Development and Spatial Inclusion*. African Development Bank (AfDB), Organisation for Economic Co-operation and Development (OECD) and United Nations Development Programme (UNDP). Available at: www.africaneconomicoutlook.org/sites/default/files/content-pdf/AEO2015_EN.pdf.
- Africa-EU Energy Partnership (2013). *Country Power Market Brief: Cameroon*. Brussels, Belgium: Alliance for Rural Electrification. Available at: <https://www.ruralelec.org/publications/country-power-market-brief-cameroon>.
- AgDevCo (2013). *Developing Sustainable Agriculture in Africa*. London, UK: African Agriculture Development Company (AgDevCo). Available at: [http://www.agdevco.com/uploads/reports/AgDevCo%20Brochure_June%202013%20low%20res\(1\).pdf](http://www.agdevco.com/uploads/reports/AgDevCo%20Brochure_June%202013%20low%20res(1).pdf).
- AgDevCo (2017). *About Us*. London, UK: African Agricultural Development Company (AgDevCo). Available at: <http://www.agdevco.com/about-us.html>. Accessed July, 2017.
- Agence Ecofin (2012). *Cameroon: 2000 Emplois Camerounais pour le Barrage de Lom Pangar*. Agence Ecofin. Available at: <https://www.agenceecofin.com/hydroelectricite/0701-2818-cameroon-2000-emplois-camerounais-pour-le-barrage-de-lom-pangar>.
- AGRECO (2007). *Etude d'Impact Social et Environnemental de la Réhabilitation de Routes en RDC, Projet Pro-Routes, Cadre Stratégique, Rapport Final*. Brussels, Belgium: Ministère des Travaux Publics et Infrastructures & Union Européenne.
- AIIB (2016). *Environmental and Social Framework*. Beijing, China: Asian Infrastructure Investment Bank (AIIB). Available at: https://www.aiib.org/en/policies-strategies/_download/environment-framework/20160226043633542.pdf.
- Akpan, A. (2016a). Communities, NGOs tackle Cross River government over superhighway project. *The Guardian*, August 26, 2016. Available at: <https://guardian.ng/features/communities-ngos-tackle-cross-river-government-over-superhighway-project>.
- Akpan, A. (2016b). Government, groups fault Cross River's EIA on highway project. *The Guardian*, June 6, 2016. Available at: <https://guardian.ng/property/government-groups-fault-cross-rivers-eia-on-highway-project>.
- Akpan, A. (2016c). Pressure mounts against Cross River super highway project. *The Guardian*, September 25, 2016. Available at: <https://guardian.ng/news/pressure-mounts-against-cross-river-super-highway-project>.
- Akpan, A. (2017). Groups fault FG's EIA to Cross River on super highway project. *The Guardian*, July 17, 2017. Available at: <https://guardian.ng/property/groups-fault-fgs-eia-to-cross-river-on-super-highway-project>.
- Alcamo, J. (2008). *Environmental Futures: The Practice of Environmental Scenario Analysis*. Boston, MA: Elsevier.
- Alden Wily, L. (2011a). 'The law is to blame': the vulnerable status of common property rights in sub-Saharan Africa. *Development and Change*, **42**, 733–57. DOI: 10.1111/j.1467-7660.2011.01712.x.
- Alden Wily, L. (2011b). *Whose Land Is It? The Status of Customary Land Tenure in Cameroon*. Centre for Environment and Development (CED), FERN and Rainforest Foundation UK.
- Alden Wily, L. (2016). *Traditional forest communities as owner-conservators: is this a viable way forward?* Unpublished paper.
- Alexander, N. (2014). *The Emerging Multi-Polar World Order*. Washington DC: Heinrich Böll Foundation North America.
- Alexandratos, N. and Bruinsma, J. (2012). *World Food and Agriculture Towards 2030/2050: The 2012 Revision. ESA Working Paper No. 12–03*. Rome, Italy: Food and Agriculture Organization of the United Nations (FAO).
- Alshuwaikhat, H.M. (2005). Strategic environmental assessment can help solve environmental impact assessment failures in developing countries. *Environmental Impact Assessment Review*, **25**, 307–17. DOI: <https://doi.org/10.1016/j.eiar.2004.09.003>.
- Ampuero, F. and Sá Lilian, R.M. (2012). Electrocution lesions in wild brown howler monkeys (*Alouatta guariba clamitans*) from São Paulo city: importance for conservation of wild populations. *ESVP/ECVP Proceedings*, **146**, 88.

- Ancrenaz, M., Ambu, L., Sunjoto, I., *et al.* (2010). Recent surveys in the forests of Ulu Segama Malua, Sabah, Malaysia, show that orang-utans (*P. p. morio*) can be maintained in slightly logged forests. *PLoS One*, **5**, e11510. DOI: 10.1371/journal.pone.0011510.
- Ancrenaz, M., Calaque, R. and Lackman-Ancrenaz, I. (2004). Orangutan nesting behavior in disturbed forest of Sabah, Malaysia: implications for nest census. *International Journal of Primatology*, **25**, 983–1000.
- Ancrenaz, M., Cheyne, S., Humle, T. and Robbins, M.M. (2015a). Impacts of industrial agriculture on ape ecology. In *State of the Apes: Industrial Agriculture and Ape Conservation*, ed. Arcus Foundation. Cambridge, UK: Cambridge University Press, pp. 165–92. Available at: <https://www.stateoftheapes.com/volume-2-industrial-agriculture/>.
- Ancrenaz, M., Dabek, L. and O'Neil, S. (2007). The costs of exclusion: recognizing a role for local communities in biodiversity conservation. *PLoS Biology*, **5**, e289. DOI: 10.1371/journal.pbio.0050289.
- Ancrenaz, M., Gumal, M., Marshall, A.J., *et al.* (2016). Pongo pygmaeus. *The IUCN Red List of Threatened Species 2016: e.T17975A17966347*. Gland, Switzerland: International Union for Conservation of Nature (IUCN). Available at: <http://dx.doi.org/10.2305/IUCN.UK.2016-1.RLTS.T17975A17966347.en>. Accessed August 14, 2017.
- Ancrenaz, M., Oram, F., Ambu, L., *et al.* (2015b). Of pongo, palms and perceptions a multidisciplinary assessment of Bornean orang-utans *Pongo pygmaeus* in an oil palm context. *Oryx*, **49**, 465–72. DOI: 10.1017/S0030605313001270.
- Ancrenaz, M., Sollmann, R., Meijaard, E., *et al.* (2014). Coming down from the trees: is terrestrial activity in Bornean orangutans natural or disturbance driven? *Scientific Reports*, **4**, 4024. DOI: 10.1038/srep04024. Available at: <https://www.nature.com/articles/srep04024#supplementary-information>.
- Anderson, D.P., Nordheim, E.V. and Boesch, C. (2006a). Environmental factors influencing the seasonality of estrus in chimpanzees. *Primates*, **47**, 43–50.
- Anderson, J., Benjamin, C., Campbell, B. and Tiveau, D. (2006b). Forests, poverty and equity in Africa: new perspectives on policy and practice. *International Forestry Review*, **8**, 44–53.
- André, C., Kamate, C., Mbonzo, P., Morel, D. and Hare, B. (2008). The Conservation Value of Lola ya Bonobo Sanctuary. In *Bonobos Revisited: Ecology, Behavior, Genetics, and Conservation*, ed. I. Takesi and J. Thompson. New York, NY: Springer, pp. 303–22.
- Andrews, A. (1990). Fragmentation of habitat by roads and utility corridors: a review. *Australian Zoologist*, **26**, 130–41. DOI: 10.7882/az.1990.005.
- Angelsen, A., Jagger, P., Babigumira, R., *et al.* (2014). Environmental income and rural livelihoods: a global-comparative analysis. *World Development*, **64**, S12–S28. DOI: <https://doi.org/10.1016/j.worlddev.2014.03.006>.
- Angelsen, A. and Kaimowitz, D. (1999). Rethinking the causes of deforestation: lessons from economic models. *The World Bank Research Observer*, **14**, 73–98. DOI: 10.1093/wbro/14.1.73.
- Ansar, A., Flyvbjerg, B., Budzier, A. and Lunn, D. (2014). Should we build more large dams? The actual costs of hydropower megaproject development. *Energy Policy*, **69**, 43–56. DOI: <https://doi.org/10.1016/j.enpol.2013.10.069>.
- Antara News (2015). Indonesian govt. to focus on geothermal energy development : President Jokowi. *Antara News*, August 22, 2015. Available at: <http://www.antaranews.com/en/news/100118/indonesian-govt-to-focus-on-geothermal-energy-development-president-jokowi>. Accessed January 22, 2017.
- Anthony, N.M., Johnson-Bawe, M., Jeffery, K., *et al.* (2007). The role of Pleistocene refugia and rivers in shaping gorilla genetic diversity in central Africa. *Proceedings of the National Academy of Sciences*, **104**, 20432–6. DOI: 10.1073/pnas.0704816105.
- Arcus Foundation (2015). *State of the Apes: Industrial Agriculture and Ape Conservation*. Cambridge, UK: Cambridge University Press. Available at: <https://www.stateoftheapes.com/volume-2-industrial-agriculture/>.
- Arunmart, P. (1996). *Feasibility Study on Burma Link*. Bangkok, Thailand: Bangkok Post.
- ASI (2015). *Integrated Resource Corridors Initiative, Scoping and Business Plan*. Adam Smith International (ASI), World Wide Fund for Nature (WWF), Department for International Development (DFID). Available at: http://www.adamsmithinternational.com/documents/resource-uploads/IRCI_Scoping_Report_Business_Plan.pdf.
- ASM-PACE and Phillipson, A. (2014). Artisanal and small-scale mining and apes. In *State of the Apes: Extractive Industries and Ape Conservation*, ed. Arcus Foundation. Cambridge, UK: Cambridge University Press, pp. 162–95. Available at: <https://www.stateoftheapes.com/themes/artisanal-and-small-scale-mining/>.

- Asner, G.P., Llactayo, W., Tupayachi, R. and Luna, E.R. (2013). Elevated rates of gold mining in the Amazon revealed through high-resolution monitoring. *Proceedings of the National Academy of Sciences*, **110**, 18454–9. DOI: 10.1073/pnas.1318271110.
- Association of State Dam Safety Officials (2016). *Dam Failures and Incidents*. Lexington, KY: Association of State Dam Safety Officials. Available at: <http://damsafety.org/what-are-causes-dam-failures>. Accessed October 6, 2016.
- AU (2009). *Africa Mining Vision*. African Union (AU). Available at: http://www.africaminingvision.org/amv_resources/AMV/Africa_Mining_Vision_English.pdf.
- AU (2015). *Agenda 2063: The Africa We Want*. African Union (AU). Available at: https://au.int/sites/default/files/pages/3657-file-agenda2063_popular_version_en.pdf.
- Auty, R. (2002). *Sustaining Development in Mineral Economies: The Resource Curse Thesis*. Oxford, UK: Routledge.
- AWF (2015). *AWF Kickstarts Efforts in Bili Uele Protected Area*. Nairobi, Kenya: African Wildlife Foundation (AWF). Available at: <https://www.awf.org/blog/awf-kickstarts-efforts-bili-uele-protected-area>.
- AWF (2016). *Bili Uele Landscape Strategy: 2016–2021*. Nairobi, Kenya: African Wildlife Foundation (AWF).
- Ayres, J.M. and Clutton-Brock, T.H. (1992). River boundaries and species range size in Amazonian primates. *The American Naturalist*, **140**, 531–7. DOI: 10.1086/285427.
- Baabud, S.F., Griffiths, M., Afifuddin and Safriansyah, R. (2016). *Total Economic Value (TEV) of Aceh's Forests*. European Union Delegation for Indonesia and Brunei Darussalam. Vienna, Austria: CEU Consulting GmbH.
- Babbitt, B. (2002). What goes up, may come down. *BioScience*, **52**, 656–8. DOI: 10.1641/0006-3568(2002)052[0656:WGUMCD]2.0.CO;2.
- Baekler Davis, S. (2016). *A Journey Begins*. Blue Ridge, GA: Project Chimps. Available at: <http://projectchimps.org/a-journey-begins/>. Accessed October 2, 2016.
- Bale, R. (2016). *Controversial Plan Would Send Lab Chimps to Unaccredited Zoo*. Washington DC: National Geographic. Available at: <http://news.nationalgeographic.com/2016/06/yerkes-research-chimpanzees-controversy/>. Accessed October 1, 2016.
- Banks, M. (2016). *New Bill from Scottish Government set to Ban Wild Animals in Circuses*. London, UK: EU Today. Available at: <http://eutoday.net/news/circus-2983>. Accessed October 1, 2016.
- Barbash, F. (2014). Six killed in Thailand when elephant collides with traffic. *Washington Post*, March 12, 2014. Available at: <https://www.washingtonpost.com/news/morning-mix/wp/2014/03/12/six-killed-in-thailand-when-van-crashes-into-wild-elephant/>.
- Barber, C.P., Cochrane, M.A., Souza, C.M. and Laurance, W.F. (2014). Roads, deforestation, and the mitigating effect of protected areas in the Amazon. *Biological Conservation*, **177**, 203–9. DOI: <https://doi.org/10.1016/j.biocon.2014.07.004>.
- Barr, R., Burgués Arrea, I., Asuma, S., Behm Masozera, A. and Gray, M. (2015). *Pave the Impenetrable? An Economic Analysis of Potential Ikumba-Ruhija Road Alternatives In and Around Uganda's Bwindi Impenetrable National Park*. Conservation Strategy Fund Technical Series No. 35. Sebastopol, CA: Conservation Strategy Fund. Available at: <http://www.conservation-strategy.org/en/publication/pave-impenetrable-economic-analysis-potential-ikumba-ruhija-road-alternatives-and-arou-o>.
- Barra, A.F., Burnouf, M.M.J., Damania, R. and Russ, J.D. (2016). *Economic Boom or Ecologic Doom? Using Spatial Analysis to Reconcile Road Development with Forest Conservation*. Washington DC: World Bank. Available at: <http://documents.worldbank.org/curated/en/952691468195575937/Economic-boom-or-ecologic-doom-using-spatial-analysis-to-reconcile-road-development-with-forest-conservation>.
- Barreto Jr, P., Brandão, A., Baima, S. and Souza Jr, C. (2014). O risco de desmatamento associado a doze hidrelétricas na Amazônia. In *Tapajós: Hidrelétricas, Infraestrutura e Caos*, ed. W. C. de Sousa. São José, Brazil: Instituto Aeronáutica, pp. 149–75.
- Bartlett, T.Q. (2001). Extra-group copulations by sub-adult gibbons: implications for understanding gibbon social organisation. *American Journal of Physical Anthropology*, **114** (supple 32), 36.
- Bartlett, T.Q. (2007). The Hylobatidae: small apes of Asia. In *Primates in Perspective*, ed. C. Campbell, A. Fuentes, K. C. Mackinnon, M. Panger and S. K. Bearder. New York, NY: Oxford University Press, pp. 274–89.
- Bashaw, M.J., Gullott, R.L. and Gill, E.C. (2010). What defines successful integration into a social group for hand-reared chimpanzee infants? *Primates*, **51**, 139–47. DOI: 10.1007/s10329-009-0176-8.

- Baskaran, N. and Boominathan, D. (2010). Road kill of animals by highway traffic in the tropical forests of Mudumalai Tiger Reserve, southern India. *Journal of Threatened Taxa*, **2**, 753–9.
- Bassey, E., Nkonyu, L. and Dunn, A. (2010). *A Reconnaissance Survey of the Bushmeat Trade in Eight Border Communities of South-East Nigeria, September–October 2009*. Nigeria: Wildlife Conservation Society.
- BBOP (2009–2012). *Standard & Guidelines*. Washington DC: Business and Biodiversity Offsets Programme (BBOP). Available at: bbop.forest-trends.org/pages/guidelines.
- BBOP (2012). *Resource Paper: No Net Loss and Loss–Gain Calculations in Biodiversity Offsets*. Washington DC: Business and Biodiversity Offsets Programme (BBOP). Available at: http://www.forest-trends.org/documents/files/doc_3103.pdf.
- Beastall, C.A. and Bouhuys, J. (2016). *Apes in Demand: For Zoo and Wildlife Attractions in Peninsular Malaysia and Thailand*. Selangor, Malaysia: TRAFFIC. Available at: http://www.trafficj.org/publication/16_Apes_in_Demand.pdf.
- Beck, B., Walkup, K., Rodrigues, M., et al. (2007). *Best Practice Guidelines for the Re-introduction of Great Apes*. Gland, Switzerland: International Union for Conservation of Nature Species Survival Commission (IUCN SSC), Primate Specialist Group.
- Bellmore, J.R., Duda, J.J., Craig, L.S., et al. (2017). Status and trends of dam removal research in the United States. *Wiley Interdisciplinary Reviews: Water*, **4**, e1164–n/a. DOI: 10.1002/wat2.1164.
- Benítez-López, A., Alkemade, R. and Verweij, P.A. (2010). The impacts of roads and other infrastructure on mammal and bird populations: a meta-analysis. *Biological Conservation*, **143**, 1307–16. DOI: <https://doi.org/10.1016/j.biocon.2010.02.009>.
- Bennett, E.L. (2011). Another inconvenient truth: the failure of enforcement systems to save charismatic species. *Oryx*, **45**, 476–9. DOI: 10.1017/S003060531000178X.
- Bennett, E.L. (2015). Legal ivory trade in a corrupt world and its impact on African elephant populations. *Conservation Biology*, **29**, 54–60. DOI: 10.1111/cobi.12377.
- Bennett, G., Gallant, M. and ten Kate, K. (2017). *State of Biodiversity Mitigation 2017. Markets and Compensation for Global Infrastructure Development*. Washington DC: Forest Trends' Ecosystem Marketplace. Available at: <http://forest-trends.org/releases/p/sobm2017>.
- Beresford, A.E., Buchanan, G.M., Donald, P.F., et al. (2011). Poor overlap between the distribution of protected areas and globally threatened birds in Africa. *Animal Conservation*, **14**, 99–107. DOI: 10.1111/j.1469-1795.2010.00398.x.
- Berg, A., Portillo, R., Yang, S.S. and Zanna, L. (2012). *Public Investment in Resource-Abundant Developing Countries*. Washington DC: International Monetary Fund (IMF). Available at: <https://www.imf.org/external/pubs/ft/wp/2012/wp12274.pdf>.
- Berg, C.N., Deichmann, U., Liu, D. and Selod, H. (2015). *Transport Policies and Development. Policy Research Working Paper 7366*. Washington DC: World Bank. Available at: <http://documents.worldbank.org/curated/en/893851468188672137/pdf/WPS7366.pdf>.
- Bergl, R.A. (2006). *Conservation Biology of the Cross River Gorilla (Gorilla gorilla diehli)*. New York, NY: City University of New York.
- Bergl, R.A., Oates, J.F. and Fotso, R. (2007). Distribution and protected area coverage of endemic taxa in west Africa's Biafran forests and highlands. *Biological Conservation*, **134**, 195–208. DOI: <https://doi.org/10.1016/j.biocon.2006.08.013>.
- Bhagabati, N.K., Ricketts, T., Sulistyawan, T.B.S., et al. (2014). Ecosystem services reinforce Sumatran tiger conservation in land use plans. *Biological Conservation*, **169**, 147–56. DOI: <https://doi.org/10.1016/j.biocon.2013.11.010>.
- BIC (2016). *World Bank's Updated Safeguards a Missed Opportunity to Raise the Bar for Development Policy*. Banking Information Center (BIC). Available at: <http://www.bankinformationcenter.org/world-banks-updated-safeguards-a-missed-opportunity-to-raise-the-bar-for-development-policy/>.
- Blake, S., Deem, S.L., Strindberg, S., et al. (2008). Roadless wilderness area determines forest elephant movements in the Congo Basin. *PLoS One*, **3**, e3546. DOI: 10.1371/journal.pone.0003546.
- Blake, S., Strindberg, S., Boudjan, P., et al. (2007). Forest elephant crisis in the Congo Basin. *PLoS Biology*, **5**, e111. DOI: 10.1371/journal.pbio.0050111.

- Blaser, M., Feit, H.A. and McRae, G. (2004). *In the Way of Development: Indigenous Peoples, Life Projects, and Globalization*. London, UK: Zed Books.
- Bleisch, B. and Geissmann, T. (2008). *Nomascus nasutus*. *The IUCN Red List of Threatened Species 2008: e.T41642A10526189*. Gland, Switzerland: International Union for Conservation of Nature (IUCN). Available at: <http://dx.doi.org/10.2305/IUCN.UK.2008.RLTS.T41642A10526189.en>. Accessed December 11, 2016.
- Bleisch, B., Geissmann, T., Timmins, R.J. and Xuelong, J. (2008). *Nomascus concolor*. *The IUCN Red List of Threatened Species 2008: e.T39775A10265349*. Gland, Switzerland: International Union for Conservation of Nature (IUCN). Available at: <http://dx.doi.org/10.2305/IUCN.UK.2008.RLTS.T39775A10265349.en>.
- Blomley, T. (2013). *Lessons Learned from Community Forestry in Africa and Their Relevance for REDD+*. Washington DC: USAID-supported Forest Carbon, Markets and Communities (FCMC) Program.
- Boakes, E.H., Mace, G.M., McGowan, P.J.K. and Fuller, R.A. (2010). Extreme contagion in global habitat clearance. *Proceedings of the Royal Society B: Biological Sciences*, **277**, 1081–5. DOI: 10.1098/rspb.2009.1771.
- Bonn, A., Allott, T., Evans, M., Joosten, H. and Stoneman, R. (2016). *Peatland Restoration and Ecosystem Services: Science, Policy and Practice*. Cambridge, UK: Cambridge University Press.
- Born Free Foundation (2016a). *Italian Government Proposes an End to Animal Circuses*. Horsham, UK: Born Free Foundation. Available at: http://www.bornfree.org.uk/index.php?id=34&tx_ttnews%5Btt_news%5D=2123&cHash=764e4075f905659779faae1cbfa53735. Accessed October 1, 2016.
- Born Free Foundation (2016b). *Wild Animal Circuses Look Set to be Outlawed in Norway from Early 2017*. Horsham, UK: Born Free Foundation. Available at: http://www.bornfree.org.uk/campaigns/zoo-check/zoo-news/article/?no_cache=1&tx_ttnews%5Btt_news%5D=2285.
- Bortolamiol, S., Cohen, M., Jiguet, F., et al. (2016). Chimpanzee non-avoidance of hyper-proximity to humans. *The Journal of Wildlife Management*, **80**, 924–34. DOI: 10.1002/jwmg.1072.
- Boutot, L., Lino, M., Ntep, J. and Essam, S. (2005). *Etude Environnementale du Barrage de Lom Pangar: Rapport Après Consultation. Thème no. 12: Zones d'Emprunt, Accès, Cité et Zone de Chantier*. Yaoundé, Cameroon: Ministry of Water Resources and Energy. Available at: https://www.iucn.org/sites/dev/files/import/downloads/t12_chantier_carrieres_lom_pangar.pdf.
- Bowland, C. and Otto, L. (2012). *Implementing Development Corridors: Lessons from the Maputo Corridor. South African Foreign Policy and African Drivers Programme*. Johannesburg, South Africa: South African Institute of International Affairs. Available at: <http://www.saiia.org.za/policy-briefings/implementing-development-corridors-lessons-from-the-maputo-corridor>.
- Bradley, B.J., Doran-Sheehy, D.M., Lukas, D., Boesch, C. and Vigilant, L. (2004). Dispersed male networks in western gorillas. *Current Biology*, **14**, 510–3. DOI: <https://doi.org/10.1016/j.cub.2004.02.062>.
- BRM (2017). Lom Pangar dam officially delivered and handed over to Cameroonian authorities. *Business in Cameroon*, July 7, 2017. Available at: www.businessincameroon.com/electricity/0707-7249-lom-pangar-dam-officially-delivered-and-handed-over-to-cameroonian-authorities.
- Brncic, T., Amarasekaran, B. and McKenna, A. (2010). *Final Report of the Sierra Leone National Chimpanzee Census Project*. Freetown, Sierra Leone: Tacugama Chimpanzee Sanctuary.
- Brncic, T., Amarasekaran, B., McKenna, A., Mundry, R. and Kühl, H.S. (2015). Large mammal diversity and their conservation in the human-dominated land-use mosaic of Sierra Leone. *Biodiversity and Conservation*, **24**, 2417–38. DOI: 10.1007/s10531-015-0931-7.
- Brockelman, W. and Geissmann, T. (2008). *Hylobates lar*. *The IUCN Red List of Threatened Species 2008: e.T10548A3199623*. Gland, Switzerland: International Union for Conservation of Nature (IUCN). Available at: <http://dx.doi.org/10.2305/IUCN.UK.2008.RLTS.T10548A3199623.en>. Accessed November 15, 2015.
- Brodie, J.F., Giordano, A.J., Dickson, B., et al. (2015). Evaluating multispecies landscape connectivity in a threatened tropical mammal community. *Conservation Biology*, **29**, 122–32. DOI: 10.1111/cobi.12337.
- Brou Yao, T., Oszwald, J., Bigot, S. and Servat, E. (2005). Risques de déforestation dans le domaine permanent de l'état en Côte d'Ivoire: quel avenir pour ces derniers massifs forestiers? *Téledétection*, **5**, 3.
- Brown, C., King, S., Ling, M., et al. (2016). *Natural Capital Assessments at the National and Sub-National Level*. Cambridge, UK: UNEP World Conservation Monitoring Centre.

- Brown, P.H., Tullios, D., Tilt, B., Magee, D. and Wolf, A.T. (2009). Modeling the costs and benefits of dam construction from a multidisciplinary perspective. *Journal of Environmental Management*, **90**, S303–S311. DOI: <https://doi.org/10.1016/j.jenvman.2008.07.025>.
- Brulliard, K. (2016). Chimpanzee is freed from 'solitary confinement,' meets Jane Goodall, retires in Florida. *Washington Post*, April 29, 2016. Available at: <https://www.washingtonpost.com/news/animalia/wp/2016/04/29/chimp-is-freed-from-solitary-confinement-meets-jane-goodall-retires-in-florida/>. Accessed November 26, 2016.
- Brulliard, K. (2017a). People who care about animal welfare are demanding information from USDA. *Washington Post*, August 10, 2017. Available at: <https://www.washingtonpost.com/news/animalia/wp/2017/08/10/people-who-care-about-animal-welfare-are-demanding-information-from-usda/>. Accessed August 12, 2017.
- Brulliard, K. (2017b). USDA abruptly purges animal welfare information from its website. *Washington Post*, February 3, 2017. Available at: <https://www.washingtonpost.com/news/animalia/wp/2017/02/03/the-usda-abruptly-removes-animal-welfare-information-from-its-website/>. Accessed February 8, 2017.
- Brulliard, K. (2017c). USDA removed animal welfare reports from its site. A showhorse lawsuit may be why. *Washington Post*, February 9, 2017. Available at: <https://www.washingtonpost.com/news/animalia/wp/2017/02/09/usda-animal-welfare-records-purge-may-have-been-triggered-by-horse-industry-lawsuit/>.
- Brunner, J., Talbott, K. and Elkin, C. (1998). *Logging Burma's Frontier Forests: Resources and the Regime*. Washington DC: World Resources Institute.
- Bruno Manser Fonds (2012a). *Sold Down River*. Basel, Switzerland: Bruno Manser Fonds. Available at: http://www.bmf.ch/upload/berichte/sold_down_the_river_bmf_dams_report.pdf. Accessed November 4, 2016.
- Bruno Manser Fonds (2012b). *The Taib Timber Mafia*. Basel, Switzerland: Bruno Manser Fonds. Available at: http://bmf.ch/upload/berichte/bmf_taib_family_report_2012_09_20_2.pdf. Accessed November 15, 2016.
- Bryson-Morrison, N., Tzanopoulos, J., Matsuzawa, T. and Humle, T. (2017). Chimpanzee (*Pan troglodytes verus*) activity and patterns of habitat use in the anthropogenic landscape of Bossou, Guinea, West Africa. *International Journal of Primatology*, **38**, 282–302. DOI: 10.1007/s10764-016-9947-4.
- Burgess, N.D., Balmford, A., Cordeiro, N.J., et al. (2007). Correlations among species distributions, human density and human infrastructure across the high biodiversity tropical mountains of Africa. *Biological Conservation*, **134**, 164–77. DOI: <https://doi.org/10.1016/j.biocon.2006.08.024>.
- Burivalova, Z., Bauert, M.R., Hassold, S., Fatroandrianjafinonjasolomiovazo, N.T. and Koh, L.P. (2015). Relevance of global forest change data set to local conservation: case study of forest degradation in Masoala National Park, Madagascar. *Biotropica*, **47**, 267–74. DOI: 10.1111/btp.12194.
- BurmaNet News (2000). *KNU: Hundreds of Civilians Forced to Construct Bongti-Tavoy Highway*. KNU Mergui-Tavoy District Information Department. *BurmaNet News*, June 3, 2000.
- Byiers, B. and Vanheukelom, J. (2014). *What Drives Regional Economic Integration? Lessons from the Maputo Development Corridor and the North-South Corridor*. Maastricht, the Netherlands: European Centre for Development Policy Management (ECDPM). Available at: <http://ecdpm.org/wp-content/uploads/DP-157-Regional-Economic-Integration-Maputo-Development-Corridor-2014.pdf>.
- Bynens, E., Ellenberg, L., Oldorf, D., et al. (2007). *Projet d'appui à la réhabilitation et l'entretien de la route Bukavu – Walikale. Etude technique détaillée et étude d'impact socio-économique et environnemental*. GTZ. Unpublished report.
- Byron, R.N. and Arnold, J.E.M. (1999). What futures for the people of the tropical forests? *World Development*, **27**, 789–805.
- Caillaud, D., Ndagijimana, F., Giarrusso, A.J., Vecellio, V. and Stoinski, T.S. (2014). Mountain gorilla ranging patterns: influence of group size and group dynamics. *American Journal of Primatology*, **76**, 730–46. DOI: 10.1002/ajp.22265.
- Caldecott, J.O., Bennett, J.G. and Ruitenbeek, H.J. (1989). *Cross River National Park (Oban Division): Plan for Developing the Park and its Support Zone*. Godalming, UK: World Wide Fund for Nature (WWF).
- Cam Iron and Rainbow Environment Consult (2010). *Etude d'Impact Environnemental et Social du Projet de Minerai de Fer de Mbalam*. Yaoundé, Cameroun: Cam Iron and Rainbow Environment Consult.
- Cameron, K.N., Reed, P., Morgan, D.B., et al. (2016). Spatial and temporal dynamics of a mortality event among central African great apes. *PLoS One*, **11**, e0154505. DOI: 10.1371/journal.pone.0154505.

- Campbell, C., Andayani, N., Cheyne, S., *et al.* (2008). *Indonesian Gibbon Conservation and Management Workshop Final Report*. Apple Valley, MN: International Union for Conservation of Nature Species Survival Commission (IUCN SSC), Conservation Breeding Specialist Group. Available at: <http://www.gibbons.asia/wp-content/uploads/2015/03/Indonesian-Gibbon-Conservation-Workshop.pdf>.
- Campbell, C.O., Cheyne, S.M. and Rawson, B.M. (2015). *Best Practice Guidelines for the Rehabilitation and Translocation of Gibbons*. Gland, Switzerland: International Union for Conservation of Nature Species Survival Commission (IUCN SSC), Primate Specialist Group.
- Campbell-Smith, G., Campbell-Smith, M., Singleton, I. and Linkie, M. (2011a). Apes in space: saving an imperilled orangutan population in Sumatra. *PLoS One*, **6**, e17210. DOI: 10.1371/journal.pone.0017210.
- Campbell-Smith, G., Campbell-Smith, M., Singleton, I. and Linkie, M. (2011b). Raiders of the lost bark: orangutan foraging strategies in a degraded landscape. *PLoS One*, **6**, e20962. DOI: 10.1371/journal.pone.0020962.
- Cannon, J.C. (2017a). Cross River superhighway changes course in Nigeria. *Mongabay*, April, 2017. Available at: <https://news.mongabay.com/2017/04/cross-river-superhighway-changes-course-in-nigeria>.
- Cannon, J.C. (2017b). Not out of the woods: concerns remain with Nigerian superhighway. *Mongabay*, May, 2017. Available at: <https://news.mongabay.com/2017/05/not-out-of-the-woods-concerns-remain-with-nigerian-superhighway>.
- Cannon, J.C. (2017c). Scrapping Nigerian superhighway buffer isn't enough, say conservation groups. *Mongabay*, February, 2017. Available at: <https://news.mongabay.com/2017/02/scrapping-nigerian-superhighway-buffer-isnt-enough-say-conservation-groups>.
- CANS (2003). *Wild Life Conservation and National Parks Act, 2003*. Civil Authority of New Sudan (CANS).
- Carleton-Hug, A. and Hug, J.W. (2010). Challenges and opportunities for evaluating environmental education programs. *Evaluation and Program Planning*, **33**, 159–64. DOI: <https://doi.org/10.1016/j.evalprogplan.2009.07.005>.
- Carlsen, F. and de Jongh, T. (2015). *EAZA EEP Opposes Transfer of Chimpanzees from YNPRC to Wingham Wildlife Park*. European Association of Zoos and Aquaria (EAZA), European Endangered Species Programme EEP. Available at: <https://assets.documentcloud.org/documents/2843283/EEP-Letter-Regarding-Wingham.pdf>.
- Carne, C., Semple, S., Morrogh-Bernard, H., Zuberbühler, K. and Lehmann, J. (2014). The risk of disease to great apes: simulating disease spread in orang-utan (*Pongo pygmaeus wurmbii*) and chimpanzee (*Pan troglodytes schweinfurthii*) association networks. *PLoS One*, **9**, e95039. DOI: 10.1371/journal.pone.0095039.
- CARP (n.d.). *Central African Regional Program for the Environment GIS and Remote Sensing Datasets*. Gombe, DRC: Central African Regional Program for the Environment (CARPE)/US Agency for International Development (USAID). Available at: <http://carpe.umd.edu/>. Accessed January, 2018.
- Cartwright, B. (2010). *Pan African Sanctuary Alliance Education Resource Manual*. Portland, OR: Pan African Sanctuary Alliance (PASA).
- CEE Bankwatch Network (2015). *New Beijing-Backed Asian Infrastructure Investment Bank Struggles to Convince on Environment and Sustainability Issues*. CEE Bankwatch Network. Available at: <http://bankwatch.org/bwmail/63/new-beijing-backed-asian-infrastructure-investment-bank-struggles-convince-environment>.
- Center for Great Apes (n.d.). *Meet the Orangutans*. Wauchula, FL: Center for Great Apes. Available at: <http://www.centerforgreatapes.org/meet-apes/orangutans/>. Accessed October 3, 2016.
- Chaléard, J.-L., Chanson-Jabeur, C. and Béranger, C. (2006). *Le Chemin de Fer en Afrique*. Paris, France: KARTHALA Editions.
- Chan, B., Fellowes, J., Geissmann, T. and Zhang, J. (2005). *Status Survey and Conservation Action Plan for the Hainan Gibbon—VERSION I (Last Updated November 2005)*. Kadoorie Farm & Botanic Garden Technical Report No. 3. Hong Kong: Kadoorie Farm & Botanic Garden (KFBG).
- Chan, M. (2017). The government purged animal welfare data. So this guy is publishing it. *Time*, February 17, 2017. Available at: <http://time.com/4673506/russ-kick-usda-animal-welfare-data>.
- Chan, S.W.D. (2016). *Asymmetric bargaining between Myanmar and China in the Myitsone Dam controversy: social opposition akin to David's stone against Goliath*. Presented at: International Studies Association Conference, 2016, Hong Kong. Available at: <http://web.isanet.org/Web/Conferences/AP%20Hong%20Kong%202016/Archive/71f82563-316f-415d-85ce-6458e57111a6.pdf>.

- Channa, P. and Gray, T. (2009). *The Status and Habitat of Yellow-Cheeked Crested Gibbon* *Nomascus gabriellae* in *Phnom Prich Wildlife Sanctuary, Mondulkiri*. Phnom Penh, Cambodia: World Wide Fund for Nature (WWF) Greater Mekong-Cambodia Country Programme.
- Chapman, C.A., Lawes, M.J. and Eeley, H.A.C. (2006). What hope for African primate diversity? *African Journal of Ecology*, **44**, 116–33. DOI: 10.1111/j.1365-2028.2006.00636.x.
- Chase, J., Benoy, G., Hann, S. and Culp, J. (2016). Small differences in riparian vegetation significantly reduce land use impacts on stream flow and water quality in small agricultural watersheds. *Journal of Soil and Water Conservation*, **71**, 194–205.
- Chetry, D., Chetry, R., Ghosh, K. and Singh, A.K. (2010). Status and distribution of the eastern hoolock gibbon (*Hoolock leuconedys*) in Mehao Wildlife Sanctuary, Arunachal Pradesh, India. *Primate Conservation*, **25**, 87–94. DOI: 10.1896/052.025.0113.
- Cheyne, S.M. (2008). Feeding ecology, food choice and diet characteristics of gibbons in a disturbed peat-swamp forest, Indonesia. In *XXII Congress of the International Primatological Society, Edinburgh, UK*, ed. P. C. Lee, P. Honess, H. Buchanan-Smith, A. MacClarnon and W. I. Sellers. Bristol, UK: Top Copy, pp. 3–8.
- Cheyne, S.M. (2010). Behavioural ecology of gibbons (*Hylobates albibarbis*) in a degraded peat-swamp forest. In *Indonesian Primates*, ed. S. Gursky and J. Supriatna. New York, NY: Springer, pp. 121–56. DOI: 10.1007/978-1-4419-1560-3_8. Available at: https://doi.org/10.1007/978-1-4419-1560-3_8.
- Cheyne, S.M., Gilhooly, L.J., Hamard, M.C., *et al.* (2016). Population mapping of gibbons in Kalimantan, Indonesia: correlates of gibbon density and vegetation across the species range. *Endangered Species Research*, **30**, 133–43.
- Cheyne, S.M., Höing, A., Rinear, J. and Sheeran, L.K. (2012). Sleeping site selection by agile gibbons: the influence of tree stability, fruit availability and predation risk. *Folia Primatologica*, **83**, 299–311.
- Chhatre, A. and Agrawal, A. (2009). Trade-offs and synergies between carbon storage and livelihood benefits from forest commons. *Proceedings of the National Academy of Sciences*, **106**, 17667–70. DOI: 10.1073/pnas.0905308106.
- ChimpCARE (n.d.). *Where are Our Amazing Chimpanzees in the United States*. Lincoln Park Zoo, Chicago, IL: ChimpCARE. Available at: <http://www.chimpcare.org/map>. Accessed October 2, 2016.
- Choudhury, A. (2013). Description of a new subspecies of hoolock gibbon *Hoolock hoolock* from northeast India. *Newsletter and Journal of the Rhino Foundation for Nature in Northeast India*, **9**, 49–59.
- Cibot, M., Bortolamiol, S., Seguya, A. and Krief, S. (2015). Chimpanzees facing a dangerous situation: a high-traffic asphalted road in the Sebitoli area of Kibale National Park, Uganda. *American Journal of Primatology*, **77**, 890–900. DOI: 10.1002/ajp.22417.
- CIESIN and ITOS (2013). *Global Roads Open Access Data Set, Version 1 (gROADSv1)*. Palisades, NY: NASA Socioeconomic Data and Applications Center (SEDAC), Center for International Earth Science Information Network (CIESIN; Columbia University), Information Technology Outreach Services (ITOS, University of Georgia). Available at: <http://dx.doi.org/10.7927/H4VD6WCT>. Accessed April, 2018.
- CIFOR (2015). *Sumatran Road Plan Could Spell a Dark New Chapter for Storied Ecosystem: Study*. Bogor, Indonesia: Center for International Forestry Research (CIFOR). Available at: <http://blog.cifor.org/27018/leuser-ecosystem-aceh-spatial-plan-ladia-galaska-road?fnl=en>.
- CITES (2010a). *Disposal of Confiscated Live Specimens of Species Included in the Appendices, Resolution Conf. 10.7 (Rev. CoP15)*. Geneva, Switzerland: Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES). Available at: <https://cites.org/eng/res/10/10-07R15.php>.
- CITES (2010b). *National Laws for Implementation of the Convention, Resolution Conf. 8.4 (Rev. CoP15)*. Geneva, Switzerland: Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES). Available at: <https://cites.org/eng/res/08/08-04R15.php>.
- CITES (2012). *Interpretation and Implementation of the Convention: Compliance and Enforcement Matters, SC62 Doc. 29*. Geneva, Switzerland: Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES). Available at: <https://cites.org/eng/com/sc/62/E62-29.pdf>.
- CITES (2014). *Great Apes Exported from Guinea to China from 2009 to 2011. Statement by Secretariat. January, 2014*. Geneva, Switzerland: Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES). Available at: <https://cites.org/sites/default/files/common/docs/CITES-Guinea-China-great-apes.pdf>. Accessed November 15, 2016.

- CITES (2016a). *Draft Resolution on Review of Trade in Animal Specimens Reported as Produced in Captivity*, CoP 17 Doc. 32, CoP17 Com. II.18. Geneva, Switzerland: Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES). Available at: https://cites.org/sites/default/files/eng/cop/17/Com_II/E-CoP17-Com-II-18.pdf.
- CITES (2016b). *Status of Legislative Progress for Implementing CITES (updated on 1 September 2016) (English only)*, CoP17 Doc. 22, Annex 3 (Rev. 1). Geneva, Switzerland: Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES). Available at: <https://cites.org/sites/default/files/eng/cop/17/WorkingDocs/E-CoP17-22-A3-R1.pdf>.
- CITES (2017). *Appendices I, II and III. Valid from April 4, 2017*. Geneva, Switzerland: Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES). Available at: <https://cites.org/eng/app/appendices.php>. Accessed April 5, 2017.
- CITES (n.d.-a). *CITES Appendices*. Geneva, Switzerland: Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES). Available at: <https://www.cites.org/eng/app/index.php>. Accessed May, 2017.
- CITES (n.d.-b). *CITES Trade Database*. Geneva, Switzerland: Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES). Available at: <https://trade.cites.org>. Accessed November 17, 2016.
- Clements, G.R. (2013). *The environmental and social impacts of roads in Southeast Asia*. Doctoral thesis. Cairns, Australia: James Cook University.
- Clements, G.R., Lynam, A.J., Gaveau, D., *et al.* (2014). Where and how are roads endangering mammals in southeast Asia's forests? *PLoS One*, **9**, e115376. DOI: 10.1371/journal.pone.0115376.
- CMP (2013). *Open Standards for the Practice of Conservation. Version 3.0*. Washington DC: Conservation Measures Partnership (CMP).
- Cochard, R. (2017). Degradation and biodiversity losses in Aceh Province, Sumatra. In *Redefining Diversity and Dynamics of Natural Resources Management in Asia. Volume 1. Sustainable Natural Resources Management in Dynamic Asia*, ed. G. Shivakoti, U. Pradhan and H. Helmi. Amsterdam, the Netherlands: Elsevier, pp. 231–71.
- Coffin, A.W. (2007). From roadkill to road ecology: a review of the ecological effects of roads. *Journal of Transport Geography*, **15**, 396–406. DOI: <https://doi.org/10.1016/j.jtrangeo.2006.11.006>.
- Colchester, M., Wee, A.P., Wong, M.C. and Jalong, T. (2007). *Land is Life: Land Rights and Oil Palm Development in Sarawak*. Forest Peoples Programme and Sawit Watch. Available at: <http://www.forestpeoples.org/sites/fpp/files/publication/2010/08/sarawaklandislife07eng.pdf>. Accessed November 14, 2016.
- Collier, P., Kirchberger, M. and Söderbom, M. (2015). *The Cost of Road Infrastructure in Low and Middle Income Countries*. Washington DC: World Bank. Available at: <http://documents.worldbank.org/curated/en/124841468185354669/pdf/WPS7408.pdf>.
- Commitante, R., Unwin, S., Jaya, R., *et al.* (2015). *Orangutan Veterinary Advisory Group Workshop Report*. Los Angeles, CA: Orangutan Conservancy.
- Connette, G., Oswald, P., Songer, M. and Leimgruber, P. (2016). Mapping distinct forest types improves overall forest identification based on multi-spectral landsat imagery for Myanmar's Tanintharyi region. *Remote Sensing*, **8**, 882.
- Corridor Partnership (n.d.). *Southern Cameroun*. Nairobi, Kenya: The Corridor Partnership. Available at: <http://thecorridorspartnership.com/pages/pilot-corridors/southern-cameroun-corridor/>.
- Cotula, L. (2016). *Foreign Investment, Law and Sustainable Development: A Handbook on Agriculture and Extractive Industries*. IIED Natural Resource Issues No. 31. London, UK: International Institute for Environment and Development (IIED).
- Cotula, L., Jokubauskaite, G., Sutz, P. and Singleton, I. (2015). Legal frameworks at the interface between industrial agriculture and ape conservation. In *State of the Apes: Industrial Agriculture and Ape Conservation*, ed. Arcus Foundation. Cambridge, UK: Cambridge University Press, pp. 105–33. Available at: <https://www.stateoftheapes.com/volume-2-industrial-agriculture/>.
- Council of the European Union (1999). 1999/22/EC Keeping of wild animals in zoos. *Official Journal L* **094**, **09/04/1999**, 0024–6. Available at: http://europa.eu/legislation_summaries/environment/nature_and_biodiversity/l28069_en.htm.

- Cowlishaw, G. and Dunbar, R.I. (2000). *Primate Conservation Biology*. Chicago, IL: University of Chicago Press.
- Cox, D.A., Poaty, P., Tolliday, C.M., *et al.* (2014). *Impact of public awareness campaign for reduction in the illegal trade of great apes in Congo Republic*. Presented at: International Primatological Society, XXV Congress, August 11–16, 2014, Hanoi, Vietnam. Madison: International Primatological Society.
- Cuny, P. (2011). *Etat de lieux de la foresterie communautaire et communale au Cameroun*. The Netherlands: Tropenbos. Available at: <http://www.tropenbos.org/publications/current+status+of+community+forestry+in+cameroon>.
- Curran, L.M., Trigg, S.N., McDonald, A.K., *et al.* (2004). Lowland forest loss in protected areas of Indonesian Borneo. *Science*, **303**, 1000–3. DOI: 10.1126/science.1091714.
- Currey, K. (2013). *Social and environmental safeguard policies at the World Bank: historical lessons for a changing context*. Draft internal briefing note. New York, NY: Ford Foundation.
- Dai, Y. (2013). Outlook for energy supply and demand in China. In *Green Low-Carbon Development in China*, ed. J. Xue, Z. Zhao, Y. Dai and B. Wang. Cham, Switzerland: Springer, pp. 81–102. DOI: 10.1007/978-3-319-01153-0.
- Daily, G. and Ellison, K. (2012). *The New Economy of Nature: The Quest to Make Conservation Profitable*. Washington DC: Island Press.
- Daily, G.C., Zhiyun, O., Hua, Z., *et al.* (2013). Securing natural capital and human well-being: innovation and impact in China. *Acta Ecologica Sinica*, **33**, 677–85.
- Daly, N. and Bale, R. (2017). *We asked the Government Why Animal Welfare Records Disappeared. They sent 1,700 Blacked-Out Pages*. Washington DC: National Geographic. Available at: <http://news.nationalgeographic.com/2017/05/usda-animal-welfare-records-foia-black-out-first-release/>. Accessed May 1, 2017.
- Damania, R., Barra, A.F., Burnouf, M. and Russ, J.D. (2016). *Transport, Economic Growth, and Deforestation in the Democratic Republic of Congo: A Spatial Analysis*. Washington DC: World Bank. Available at: <https://openknowledge.worldbank.org/handle/10986/24044>. Accessed May, 2017.
- Damarad, T. and Bekker, G.J. (2003). *COST 341: Habitat Fragmentation due to Transportation Infrastructure: Findings of the COST Action 341*. Luxembourg, Luxembourg: Office for Official Publications of the European Communities.
- Dames and Moore (1997). Annexe: etude sur les ressources biologiques – Cameroon. In *Projet d'Exportation Tchadien*. Available at: <http://web.worldbank.org/archive/website01210/WEB/IMAGES/MULTI0-7.PDF>.
- Das, J., Biswas, J., Bhattacharjee, P.C. and Rao, S.S. (2009). Canopy bridges: an effective conservation tactic for supporting gibbon populations in forest fragments. In *The Gibbons: New Perspectives on Small Ape Socioecology and Population Biology*, ed. D. Whittaker and S. Lappan. New York, NY: Springer, pp. 467–75. DOI: 10.1007/978-0-387-88604-6_22. Available at: https://doi.org/10.1007/978-0-387-88604-6_22.
- Davis, J.T., Mengersen, K., Abram, N.K., *et al.* (2013). It's not just conflict that motivates killing of orangutans. *PLoS One*, **8**, e75373. DOI: 10.1371/journal.pone.0075373.
- D'Cruze, N. and Macdonald, D.W. (2016). A review of global trends in CITES live wildlife confiscations. *Nature Conservation*, **15**. DOI: 10.3897/natureconservation.15.10005.
- DDA (2014). *Voices from the Ground: Concerns Over the Dawei Special Economic Zone and Related Projects*. Dawei Township, Myanmar: Dawei Development Association (DDA). Available at: http://www.burmalibrary.org/docs19/Voices_from_the_ground-en-red.pdf.
- DDA, TYG and TripNet (2015). *We Used to Fear Bullets Now We Fear Bulldozers: Dirty Coal Mining by Military Cronies and Thai Companies*. Burma Partnership: Dawei Development Association (DDA), Tarkapaw Youth Group (TYG) and Tenasserim River and Indigenous People Networks (TripNet). Available at: <http://www.burmapartnership.org/2015/10/we-used-to-fear-bullets-now-we-fear-bulldozers-dirty-coal-mining-by-military-cronies-thai-companies-ban-chaung-dawei-district-myanmar/>.
- De Koninck, R., Bernard, S. and Girard, M. (2012). Aceh's forests as an asset for reconstruction. In *From the Ground Up: Perspectives on Post-Tsunami and Post-Conflict Aceh*, ed. P. Daly, R. M. Feener and A. J. Reid. Singapore: Institute of Southeast Asian Studies, pp. 156–75.
- de Wasseige C., Flynn, J., Louppe, D., Hiol, H. and Mayaux, P. (2013). *The Forests of the Congo Basin: State of the Forest 2013*. Neufchateau, Belgium: Weyrich. Available at: http://www.observatoire-comifac.net/docs/edf2013/EN/EDF2013_EN.pdf.

- Dean, J.M., Lovely, M.E. and Wang, H. (2009). Are foreign investors attracted to weak environmental regulations? Evaluating the evidence from China. *Journal of Development Economics*, **90**, 1–13. DOI: <https://doi.org/10.1016/j.jdeveco.2008.11.007>.
- Debonnet, G. and Vié, J.C. (2010). *Rapport de Mission de Suivi au Parc National de Kahuzi-Biega (RDC)*. United Nations Educational, Scientific and Cultural Organization (UNESCO), International Union for Conservation of Nature (IUCN).
- Delgado, R.A. (2010). Communication, culture and conservation in orangutans. In *Indonesian Primates*, ed. S. Gursky and J. Supriatna. New York, NY: Springer, pp. 23–40. DOI: 10.1007/978-1-4419-1560-3_3. Available at: https://doi.org/10.1007/978-1-4419-1560-3_3.
- Delgado, R.A. and Van Schaik, C.P. (2000). The behavioral ecology and conservation of the orangutan (*Pongo pygmaeus*): a tale of two islands. *Evolutionary Anthropology: Issues, News, and Reviews*, **9**, 201–18. DOI: 10.1002/1520-6505(2000)9:5<201::AID-EVAN2>3.0.CO;2-Y.
- DFID (2010). *Annual Review: PRO ROUTES AUGUST 2010*. Department for International Development (DFID). Available at: iatidf.gov.uk/iatidf_documents/4109130.xls.
- Dierkers, G. and Mattingly, J. (2009). *How States and Territories Fund Transportation: An Overview of Traditional and Nontraditional Strategies*. Washington DC: National Governors Association (NGA) Center for Best Practices. Environment, Energy & Natural Resources Division. Available at: <https://www.nga.org/files/live/sites/NGA/files/pdf/0907TRANSPORTATIONSTRATEGIES.PDF>.
- DigitalGlobe (n.d.). *DigitalGlobe*. Westminster, CO: DigitalGlobe. Available at: <https://www.digitalglobe.com>. Accessed December, 2016–April, 2017.
- Dinsi, S.C. and Eyebe, S.A. (2016). *Great Ape Conservation in Cameroon: Mapping Institution and Policies. Poverty and Conservation Learning Group (PCLG) Research Report*. London, UK: International Institute for Environment and Development (IIED). Available at: <http://pubs.iied.org/pdfs/Go4017.pdf>.
- Dkamela, G.P. (2011). *The Context of REDD+ in Cameroon: Drivers, Agents and Institutions*. Bogor, Indonesia: Center for International Forestry Research (CIFOR).
- Doran-Sheehy, D., Mongo, P., Lodwick, J. and Conklin-Brittain, N.L. (2009). Male and female western gorilla diet: preferred foods, use of fallback resources, and implications for ape versus old world monkey foraging strategies. *American Journal of Physical Anthropology*, **140**, 727–38. DOI: 10.1002/ajpa.21118.
- Doumenge, C. and Heymer, A. (1992). *Evaluation de l'impact environnemental de la route Kisangani – Bukavu/ Goma (Zaire)*. GTZ/International Union for Conservation of Nature (IUCN). Unpublished report.
- DSU (2016). *Better Decision-Making about Large Dams with a View to Sustainable Development*. 22nd December 2016. Reference 7199. Utrecht, the Netherlands: Dutch Sustainability Unit (DSU), Netherlands Commission for Environmental Assessment. Available at: http://api.commissiener.nl/docs/os/i71/i7199/7199_advice_on_better_decision-making_about_large_dams.pdf.
- Dubois, G., Bastin, L., Martinez Lopez J., et al. (2015). *The Digital Observatory for Protected Areas (DOPA) Explorer 1.0*. Luxembourg, Luxembourg: Publications Office of the European Union. Available at: <http://dopa.jrc.ec.europa.eu/sites/default/files/test/2015%20Online%20LB-NA-27162-EN-N2%20.pdf>.
- Dudley, N., Stolton, S. and Elliott, W. (2013). Wildlife crime poses unique challenges to protected areas. *Parks*, **19**, 7–12.
- Dulac, J. (2013). *Global Land Transport Infrastructure Requirements to 2050*. Paris, France: International Energy Agency.
- Dunn, A. (2016). On a road to nowhere? *Gorilla Journal*, **53**. Available at: http://www.berggorilla.org/en/journal/issues/journal-no-51/article-view/?tx_ttnews%5Btt_news%5D=859&cHash=d71bc775cf973adfc141544ced400a.
- Dunn, A., Bergl, R., Byler, D., et al. (2014). *Revised Regional Action Plan for the Conservation of the Cross River Gorilla (Gorilla gorilla diehli) 2014–2019*. New York, NY: International Union for Conservation of Nature Species Survival Commission (IUCN SSC), Primate Specialist Group and Wildlife Conservation Society. Available at: http://static1.1.sqspcdn.com/static/f/1200343/24396223/1392763857780/CRG_action_plan_2014.pdf?token=qRnBxb%2Fev%2BkjCCK7a1OdITpCpqo%3D.
- Dunn, A. and Imong, I. (2017). A brief update on the proposed superhighway in Cross River State. *Gorilla Journal*, **54**. Available at: [www.berggorilla.org/en/journal/issues/journal-no-54/article-view/?tx_ttnews\[tt_news\]=917&cHash=1831ff7c0faadd33c6f7a922d808b072](http://www.berggorilla.org/en/journal/issues/journal-no-54/article-view/?tx_ttnews[tt_news]=917&cHash=1831ff7c0faadd33c6f7a922d808b072).

- Durán, A.P., Rauch, J. and Gaston, K.J. (2013). Global spatial coincidence between protected areas and metal mining activities. *Biological Conservation*, **160**, 272–8. DOI: <https://doi.org/10.1016/j.biocon.2013.02.003>.
- Durham, D. (2015). The status of captive apes. In *State of the Apes: Industrial Agriculture and Ape Conservation*, ed. Arcus Foundation. Cambridge, UK: Cambridge University Press, pp. 228–59. Available at: <http://www.stateoftheapes.com/themes/the-status-of-captive-apes/>.
- Durham, D. and Phillipson, A. (2014). Status of captive apes across Africa and Asia: the impact of extractive industry. In *State of the Apes: Extractive Industries and Ape Conservation*, ed. Arcus Foundation. Cambridge, UK: Cambridge University Press, pp. 279–305. Available at: <http://www.stateoftheapes.com/volume-1-extractive-industries/>.
- Ebrahim-zadeh, C. (2003). Back to basics: when countries get too much of a good thing. Christine Ebrahim-zadeh explains Dutch disease. *Finance and Development-English Edition*, **40**, 50–1. Available at: <http://www.webcitation.org/5YeSchvbl>.
- ECD (2016). *EIA Procedure*. Nay Pyi Taw, Myanmar: Myanmar Environmental Conservation Department (ECD). Available at: <http://www.ecd.gov.mm/?q=policy>.
- EDC (2011a). *Lom Pangar Hydroelectric Project Environmental and Social Assessment, Executive Summary*. Yaoundé, Cameroon: Electricity Development Corporation (EDC).
- EDC (2011b). *Projet Hydroélectrique de Lom Pangar; Evaluation Environnementale et Sociale (EES). Volume 1. Evaluation des Impacts Environnementaux et Sociaux (EIES)*. Yaoundé, Cameroon: Electricity Development Corporation (EDC).
- EDC (2011c). *Réformulation de l'étude d'impacts et du Plan de Gestion Environnementale et Sociale du Barrage de Lom Pangar: Mise en Oeuvre de la Compensation Biodiversité: Parc National de Deng-Deng*. Yaoundé, Cameroon: Electricity Development Corporation (EDC). Available at: <http://www.edc-cameroon.org/IMG/pdf/sde/ANNEXE%204%20PNDD%20projet%20110111.pdf>.
- EDC (n.d.-a). *La Pêche s'Organise Autour de Lom Pangar*. Yaoundé, Cameroon: Electricity Development Corporation (EDC). Available at: <http://www.edc-cameroon.org/francais/societe/nos-activites/article/la-peche-s-organise-autour-de-lom>. Accessed August, 2017.
- EDC (n.d.-b). *Mise en Eau Partielle de Lom Pangar: Pari Tenu!* Yaoundé, Cameroon: Electricity Development Corporation (EDC). Available at: <http://www.edc-cameroon.org/francais/projets/lom-pangar/actualite/article/mise-en-eau-partielle-de-lom>. Accessed August, 2017.
- Eddy, T. (2015). Embodying ecological policy in defending the Leuser ecosystem area for sustaining collective life. *International Journal of Humanities and Social Science*, **5**, 252–64.
- Edelman, M. and Haugerud, A., ed. (2005). *The Anthropology of Development and Globalization*. Oxford, UK: Blackwell Publishing Inc.
- EDG (2007). *Etude Détaillée de l'Impact Socio-Environnemental de la Route Allant de Kisangani et Bunduki*. Kinshasa, DRC: Ministère des Travaux Publics et Infrastructures & DFID, Environment and Development Group (EDG).
- Edwards, D.P., Sloan, S., Weng, L., et al. (2014). Mining and the African environment. *Conservation Letters*, **7**, 302–11. DOI: 10.1111/conl.12076.
- Ehrlich, P.R., Ehrlich, A.H. and Daily, G.C. (1997). *The Stork and the Plow: The Equity Answer to the Human Dilemma*. New Haven, CT: Yale University Press.
- EIB (2013). *Environmental and Social Handbook. Volume I: EIB Environmental and Social Standards*. Luxembourg: European Investment Bank (EIB). Available at: http://www.eib.org/attachments/strategies/environmental_and_social_practices_handbook_en.pdf.
- Elder, A.A. (2009). Hylobatid diets revisited: the importance of body mass, fruit availability, and interspecific competition. In *The Gibbons: New Perspectives on Small Ape Socioecology and Population Biology*, ed. D. Whittaker and S. Lappan. New York, NY: Springer, pp. 133–59. DOI: 10.1007/978-0-387-88604-6_8. Available at: https://doi.org/10.1007/978-0-387-88604-6_8.
- Elkan, P., Elkan, S., Moukassa, A., et al. (2006). Managing threats from bushmeat hunting in a timber concession in the Republic of Congo. In *Emerging Threats to Tropical Forests*, ed. W. F. Laurance and C. A. Peres. Chicago, IL: University of Chicago Press, pp. 393–415.
- Ellioti.org (n.d.). *P.T. Ellioti by the Numbers*. Ellioti.org. Available at: <http://www.elliotti.org/p.t.elliotti-by-the-numbers.html>. Accessed August, 2017.

- Emery Thompson, M. and Wrangham, R.W. (2008). Diet and reproductive function in wild female chimpanzees (*Pan troglodytes schweinfurthii*) at Kibale National Park, Uganda. *American Journal of Physical Anthropology*, **135**, 171–81. DOI: 10.1002/ajpa.20718.
- Emery Thompson, M. and Wrangham, R.W. (2013). *Pan troglodytes* robust chimpanzee. In *Mammals of Africa. Volume II: Primates*, ed. T. M. Butynski, J. Kingdon and J. Kalina. London, UK: Bloomsbury Publishing, pp. 55–64.
- Emery Thompson, M., Zhou, A. and Knott, C.D. (2012). Low testosterone correlates with delayed development in male orangutans. *PLoS One*, **7**, e47282. DOI: 10.1371/journal.pone.0047282.
- Encyclopaedia Britannica (1998). *Baram River*. Chicago, IL: Encyclopaedia Britannica Inc. Available at: <https://www.britannica.com/place/Baram-River>. Accessed September 14, 2017.
- Engberg, C.C. (2002). The dam owner's guide to retirement planning: assessing owner liability for downstream sediment flow from obsolete dams. *Stanford Environmental Law Journal*, **21**, 177.
- Engel, R. and Petropoulos, A. (2016). Saving Cobra: the rescue of an orphaned chimpanzee. *NBC*, May 9, 2016. Available at: <http://www.nbcnews.com/dateline/saving-cobra-rescue-orphaned-chimpanzee-n570416>. Accessed September, 2016.
- Environmental Justice Atlas (n.d.). *Exploitation of Forests, Cameroon*. Environmental Justice Atlas. Available at: <https://ejatlas.org/print/exploitation-of-forests-cameroon>.
- ERI (2009). *Total Impact: The Human Rights, Environmental, and Financial Impacts of Total and Chevron's Yadana Gas Project in Military-Ruled Burma (Myanmar)*. Bangkok, Thailand: Earth Rights International (ERI).
- ERM (2016). *Calabar-Ikom-Katsina Ala superhighway ESIA gap analysis: gap analysis report*. Report to World Wide Fund for Nature (WWF) UK May, 2016.
- ESI Africa (2016). The dawn of wind energy in Africa. *ESI Africa*. Available at: https://www.esi-africa.com/magazine_articles/dawn-wind-energy-africa/.
- Espinosa, S., Branch, L.C. and Cueva, R. (2014). Road development and the geography of hunting by an Amazonian indigenous group: consequences for wildlife conservation. *PLoS One*, **9**, e114916. DOI: 10.1371/journal.pone.0114916.
- Esri (2016). *ArcGIS Desktop: Release 10.4.1*. Redlands, CA: Environmental Systems Research Institute.
- ETP (n.d.). *Malaysia Economic Transformation Programme*. Kuala Lumpur, Malaysia: Economic Transformation Programme (ETP). Available at: http://etp.pemandu.gov.my/About_ETP-@-Overview_of_ETP.aspx.
- European Commission (2015). *EU Zoos Directive Good Practices Document*. Luxembourg, Luxembourg: Publications Office of the European Union.
- European Commission (n.d.). *Digital Observatory for Protected Areas (DOPA)*. Ispra, Italy: European Commission. Available at: dopa.jrc.ec.europa.eu/en.
- Fa, J.E., Seymour, S., Dupain, J., et al. (2006). Getting to grips with the magnitude of exploitation: bushmeat in the Cross-Sanaga rivers region, Nigeria and Cameroon. *Biological Conservation*, **129**, 497–510. DOI: <https://doi.org/10.1016/j.biocon.2005.11.031>.
- Fan, P., Fei, H., Xiang, Z., et al. (2010). Social structure and group dynamics of the Cao Vit gibbon (*Nomascus nasutus*) in Bangliang, Jingxi, China. *Folia Primatologica*, **81**, 245–53.
- Fan, P.-F., He, K., Chen, X., et al. (2017). Description of a new species of hoolock gibbon (Primates: Hylobatidae) based on integrative taxonomy. *American Journal of Primatology*, **79**. <https://doi.org/10.1002/ajp.22631>.
- Fan, P.-F. and Jiang, X.-L. (2008). Effects of food and topography on ranging behavior of black crested gibbon (*Nomascus concolor jingdongensis*) in Wuliang Mountain, Yunnan, China. *American Journal of Primatology*, **70**, 871–8. DOI: 10.1002/ajp.20577.
- Fan, P.-F. and Jiang, X.-L. (2010). Maintenance of multifemale social organization in a group of *Nomascus concolor* at Wuliang Mountain, Yunnan, China. *International Journal of Primatology*, **31**, 1–13. DOI: 10.1007/s10764-009-9375-9.
- Fan, P.-F., Jiang, X.-L. and Tian, C.-C. (2009). The critically endangered black crested gibbon *Nomascus concolor* on Wuliang Mountain, Yunnan, China: the role of forest types in the species conservation. *Oryx*, **43**, 203–8. DOI: 10.1017/S0030605308001907.
- FAO (2015). *Global Forest Resources Assessment: How Are the World's Forests Changing?* Rome, Italy: Food and Agriculture Organization of the United Nations (FAO). Available at: <http://www.fao.org/3/a-i4793e.pdf>.

- FAO, Action Against Hunger, Action Aid, International Federation of Red Cross and Red Crescent Societies and World Vision International (2016). *Free Prior and Informed Consent: An Indigenous Peoples' Right and a Good Practice for Local Communities. Manual for Project Practitioners*. Rome, Italy: Food and Agriculture Organization of the United Nations (FAO). Available at: www.fao.org/3/a-i6190e.pdf.
- Farmer, K.H. (2002). Pan-African Sanctuary Alliance: status and range of activities for great ape conservation. *American Journal of Primatology*, **58**, 117–32. DOI: 10.1002/ajp.10054.
- Farmer, K.H. (2012). *Building Sustainable Sanctuaries*. Cambridge, UK: Arcus Foundation. Available at: http://www.sanctuaryfederation.org/gfas/wp-content/uploads/2013/09/Arcus_Building_Sustainable_Sanctuaries.pdf.
- Farmer, K.H., Jamart, A. and Goossens, B. (2010). The re-introduction of chimpanzees *Pan troglodytes troglodytes* to the Conkouati-Douli National Park, Republic of Congo. In *Global Re-Introduction Perspectives: Additional Case-Studies from Around the Globe*, ed. P. S. Soorae. Abu Dhabi, UAE: International Union for Conservation of Nature Species Survival Commission (IUCN SSC), Re-introduction Specialist Group, pp. 231–7.
- Farmer, K.H., Unwin, S., Cress, D., et al. (2009). *Pan African Sanctuary Alliance (PASA) Operations Manual*. Portland, OR: Pan African Sanctuary Alliance (PASA).
- Faust, L.J., Cress, D., Farmer, K.H., Ross, S.R. and Beck, B.B. (2011). Predicting capacity demand on sanctuaries for African chimpanzees (*Pan troglodytes*). *International Journal of Primatology*, **32**, 849–64. DOI: 10.1007/s10764-011-9505-z.
- Fawcett, K. (2000). *Female relationships and food availability in a forest community of chimpanzees*. PhD thesis. Edinburgh, UK: University of Edinburgh.
- Fearnside, P.F. (2006). Containing destruction from Brazil's Amazon highways: now is the time to give weight to the environment in decision-making. *Environmental Conservation*, **33**, 181–3. DOI: 10.1017/S0376892906003109.
- Fearnside, P.M. (2016a). Greenhouse gas emissions from Brazil's Amazonian hydroelectric dams. *Environmental Research Letters*, **11**, 011002.
- Fearnside, P.M. (2016b). Tropical dams: to build or not to build? *Science*, **351**, 456–7.
- Fearnside, P.M. and de Alencastro Graça, P.M.L. (2006). BR-319: Brazil's Manaus-Porto Velho Highway and the potential impact of linking the arc of deforestation to central Amazonia. *Environmental Management*, **38**, 705–16. DOI: 10.1007/s00267-005-0295-y.
- Fears, D. (2016). NIH vowed to move its research chimps from labs, but only 7 got safe haven in 2015. *Washington Post*, February 26, 2016. Available at: <https://www.washingtonpost.com/news/animalia/wp/2016/02/26/despite-nih-promise-only-7-research-chimps-got-safe-haven-in-2015/>.
- Federal Republic of Nigeria (1992). *Environmental Impact Assessment Decree, No 86 of 1992, Laws of the Federation of Nigeria*. Federal Republic of Nigeria. Available at: <http://www.nigeria-law.org/Environmental%20Impact%20Assessment%20Decree%20No.%2086%201992.htm>.
- Ferraro, P.J. and Pattanayak, S.K. (2006). Money for nothing? A call for empirical evaluation of biodiversity conservation investments. *PLoS Biology*, **4**, e105. DOI: 10.1371/journal.pbio.0040105.
- Ferrie, G.M., Farmer, K.H., Kuhar, C.W., et al. (2014). The social, economic, and environmental contributions of Pan African Sanctuary Alliance primate sanctuaries in Africa. *Biodiversity and Conservation*, **23**, 187–201. DOI: 10.1007/s10531-013-0592-3.
- Fishpool, L.D.C. and Evans, M.I. (2001). *Important Bird Areas in Africa and Associated Islands: Priority Sites for Conservation*. Cambridge, UK: Birdlife International.
- FLEGT (2016). *Forest Law Enforcement, Governance and Trade (FLEGT)*. Luxembourg, Luxembourg: Publications Office of the European Union. Available at: http://ec.europa.eu/environment/forests/illegal_logging.htm.
- Flyvbjerg, B. (2009). Survival of the unfittest: why the worst infrastructure gets built—and what we can do about it. *Oxford Review of Economic Policy*, **25**, 344–67. DOI: 10.1093/oxrep/grp024.
- Foley, J.A., DeFries, R., Asner, G.P., et al. (2005). Global consequences of land use. *Science*, **309**, 570–4. DOI: 10.1126/science.1111772.
- Forman, R.T.T. and Alexander, L.E. (1998). Roads and their major ecological effects. *Annual Review of Ecology and Systematics*, **29**, 207–31. DOI: 10.1146/annurev.ecolsys.29.1.207.
- Forrest, J.L., Mascia, M.B., Pailler, S., et al. (2015). Tropical deforestation and carbon emissions from protected area downgrading, downsizing, and degazettement (PADDD). *Conservation Letters*, **8**, 153–61. DOI: 10.1111/conl.12144.

- Foster, V. and Briceño-Garmendia, C.M. (2010). *Africa Infrastructure: A Time for Transformation*. Washington DC: World Bank. Available at: <http://documents.worldbank.org/curated/en/246961468003355256/Africas-infrastructure-a-time-for-transformation>.
- FPP, IIFB and CBD (2016). *Local Biodiversity Outlooks. Indigenous Peoples' and Local Communities' Contributions to the Implementation of the Strategic Plan for Biodiversity 2011–2020. A Complement to the Fourth Edition of the Global Biodiversity Outlook*. Moreton-in-Marsh, UK: Forest Peoples Programme (FPP), The International Indigenous Forum on Biodiversity (IIFB) and The Secretariat of the Convention on Biological Diversity (CBD). Available at: <http://localbiodiversityoutlooks.net>.
- FPP, Pusaka and Pokker SHK (2014). *Securing Forests, Securing Rights: Report of the International Workshop on Deforestation and the Rights of Forest Peoples*. Forest Peoples' Programme (FPP), Pusaka and Pokker SHK. Available at: <https://www.forestpeoples.org/sites/default/files/private/publication/2014/09/prreport.pdf>.
- Franco, J. (2014). *Reclaiming Free Prior and Informed Consent (FPIC) in the Context of Global Land Grabs*. Amsterdam, the Netherlands: Transnational Institute. Available at: https://www.tni.org/files/download/reclaiming_fpic_o.pdf.
- Frankfurt School–UNEP Centre/BNEF (2017). *Global Trends in Renewable Energy Investment 2017*. Frankfurt, Germany: Frankfurt School of Finance and Management. Available at: <http://fs-unep-centre.org/sites/default/files/publications/globaltrendsinrenewableenergyinvestment2017.pdf>.
- Freudenthal, E., Nnah, S. and J., K. (2011). *REDD and Rights In Cameroon: A Review of the Treatment of Indigenous Peoples and Local Communities in Policies and Projects*. Moreton-in-Marsh, UK: Forest Peoples Programme and Centre for Environment and Development. Available at: <http://www.forestpeoples.org/topics/forest-carbon-partnership-facility-fcpf/publication/2011/redd-and-rights-cameroon-review-trea>.
- Fruth, B., Hickey, J.R., André, C., et al. (2016). *Pan paniscus*. *The IUCN Red List of Threatened Species 2016: e.T15932A17964305*. Gland, Switzerland: International Union for Conservation of Nature (IUCN). Available at: <http://www.iucnredlist.org/details/15932/o>.
- Fruth, B., Williamson, E.A. and Richardson, M.C. (2013). Bonobo *Pan paniscus*. In *Handbook of the Mammals of the World. Volume 3: Primates*, ed. R. A. Mittermeier, A. B. Rylands and D. E. Wilson. Barcelona, Spain: Lynx Edicions, pp. 853–4.
- FSC (2015). *FSC Principles and Criteria for Forest Stewardship*. Bonn, Germany: Forest Stewardship Council (FSC). Available at: <http://www.fsc-uk.org/en-uk/business-area/fsc-certificate-types/forest-management-fm-certification/what-standard-is-used>.
- Fund for Animals (n.d.). *About The Cleveland Amory Black Beauty Ranch*. Available at: <http://www.fundforanimals.org/blackbeauty/about/>.
- Fünfstück, T., Arandjelovic, M., Morgan, D.B., et al. (2014). The genetic population structure of wild western lowland gorillas (*Gorilla gorilla gorilla*) living in continuous rain forest. *American Journal of Primatology*, **76**, 868–78. DOI: 10.1002/ajp.22274.
- Funwi-Gabga, N., Kuehl, H., Maisels, F., et al. (2014). The status of apes across Africa and Asia. In *State of the Apes: Extractive Industries and Ape Conservation*, ed. Arcus Foundation. Cambridge, UK: Cambridge University Press, pp. 253–77.
- GAIN (n.d.). *Great Ape Information Network*. Kyoto, Japan: Great Ape Information Network (GAIN). Available at: <http://www.shigen.nig.ac.jp/gain/index.jsp>.
- Galeano, E. (2009). *Open Veins of Latin America: Five Centuries of the Pillage of a Continent*. London, UK: Serpent's Tail.
- Galinato, G.I. and Galinato, S.P. (2013). The short-run and long-run effects of corruption control and political stability on forest cover. *Ecological Economics*, **89**, 153–61. DOI: <https://doi.org/10.1016/j.ecolecon.2013.02.014>.
- Ganas, J., Robbins, M.M., Nkurunungi, J.B., Kaplin, B.A. and McNeillage, A. (2004). Dietary variability of mountain gorillas in Bwindi Impenetrable National Park, Uganda. *International Journal of Primatology*, **25**, 1043–72. DOI: 10.1023/b:ijop.0000043351.20129.44.
- Garcia, L.C., Ribeiro, D.B., de Oliveira Roque, F., Ochoa-Quintero, J.M. and Laurance, W.F. (2017). Brazil's worst mining disaster: corporations must be compelled to pay the actual environmental costs. *Ecological Applications*, **27**, 5–9. DOI: 10.1002/eap.1461.
- Gartland, A. (2017). NGOs urge UNESCO to intervene to save rainforest heritage site. *Changing Times*, March 24, 2017. Available at: <https://changingtimes.media/2017/03/24/ngos-urge-unesco-to-intervene-to-save-sumatras-leuser-ecosystem/>. Accessed February 2, 2018.

- Gascon, C., Malcolm, J.R., Patton, J.L., *et al.* (2000). Riverine barriers and the geographic distribution of Amazonian species. *Proceedings of the National Academy of Sciences*, **97**, 13672–7. DOI: 10.1073/pnas.230136397.
- Gauvey Herbert, D. (2017). Kony 2017: from guerrilla marketing to guerrilla warfare. *Foreign Policy*, May, 2017. Available at: <http://foreignpolicy.com/2017/03/02/kony-2017-from-guerilla-marketing-to-guerilla-warfare-invisible-children-africa/>.
- Gaveau, D.L.A., Epting, J., Lyne, O., *et al.* (2009a). Evaluating whether protected areas reduce tropical deforestation in Sumatra. *Journal of Biogeography*, **36**, 2165–75. DOI: 10.1111/j.1365-2699.2009.02147.x.
- Gaveau, D.L.A., Kshatriya, M., Sheil, D., *et al.* (2013). Reconciling forest conservation and logging in Indonesian Borneo. *PLoS One*, **8**, e69887. DOI: 10.1371/journal.pone.0069887.
- Gaveau, D.L.A., Sheil, D., Husnayaen, *et al.* (2016). Rapid conversions and avoided deforestation: examining four decades of industrial plantation expansion in Borneo. *Scientific Reports*, **6**, 32017. DOI: 10.1038/srep32017. Available at: <https://www.nature.com/articles/srep32017#supplementary-information>.
- Gaveau, D.L.A., Sloan, S., Molidena, E., *et al.* (2014). Four decades of forest persistence, clearance and logging on Borneo. *PLoS One*, **9**, e101654. DOI: 10.1371/journal.pone.0101654.
- Gaveau, D.L.A., Wandono, H. and Setiabudi, F. (2007). Three decades of deforestation in southwest Sumatra: have protected areas halted forest loss and logging, and promoted re-growth? *Biological Conservation*, **134**, 495–504. DOI: <https://doi.org/10.1016/j.biocon.2006.08.035>.
- Gaveau, D.L.A., Wich, S., Epting, J., *et al.* (2009b). The future of forests and orangutans (*Pongo abelii*) in Sumatra: predicting impacts of oil palm plantations, road construction, and mechanisms for reducing carbon emissions from deforestation. *Environmental Research Letters*, **4**, 034013.
- GEF (2013). *Project Identification Form: Strengthening Forest and Ecosystem Connectivity in RIMBA Landscape of Central Sumatra through Investing in Natural Capital, Biodiversity Conservation, and Land-based Emission Reductions*. Washington DC: Global Environment Facility (GEF).
- GEI (2013). *Environmental and Social Challenges of China's Going Global*. Beijing, PRC: Global Environmental Institute (GEI). Available at: www.geichina.org/_upload/file/book/2013Goingout_EN.pdf.
- GEI (2015). *Understanding China's Overseas Investments Governance and Analysis of Environmental and Social Policies*. Beijing, PRC: Global Environmental Institute (GEI). Available at: http://www.geichina.org/_upload/file/book/goingoutreport/Understanding_China's_Overseas_Investments_Governance_and_Analysis%20of_E&S_Policies.pdf.
- GEI (2016). *Cambodian FDI Policy and Management System: Analysis of Chinese Investments in Cambodia*. Beijing, PRC: Global Environmental Institute (GEI). Available at: http://www.geichina.org/_upload/file/report/China_Going_Global_Cambodia.pdf.
- Geissmann, T. (1991). Reassessment of age of sexual maturity in gibbons (*Hylobates* spp.). *American Journal of Primatology*, **23**, 11–22. DOI: 10.1002/ajp.1350230103.
- Geissmann, T. (2007). Status reassessment of the gibbons: results of the Asian primate red list workshop 2006. *Gibbon Journal*, **3**, 5–15.
- Geissmann, T. and Bleisch, W. (2008). *Nomascus hainanus*. *The IUCN Red List of Threatened Species 2008: e.T41643A10526461*. Gland, Switzerland: International Union for Conservation of Nature (IUCN). Available at: <http://dx.doi.org/10.2305/IUCN.UK.2008.RLTS.T41643A10526461.en>.
- Geissmann, T., Grindley, M., Ngwe, L., *et al.* (2013). *The Conservation Status of Hoolock Gibbons in Myanmar*. Zürich, Switzerland: Gibbon Conservation Alliance.
- Geissmann, T., Manh Ha, N., Rawson, B., *et al.* (2008). *Nomascus gabriellae*. *The IUCN Red List of Threatened Species 2008: e.T39776A10265736*. Gland, Switzerland: International Union for Conservation of Nature (IUCN). Available at: <http://www.iucnredlist.org/details/39776/o>.
- Geissmann, T. and Nijman, V. (2008a). *Hylobates muelleri ssp. funereus*. *The IUCN Red List of Threatened Species 2008: e.T39890A10271063*. Gland, Switzerland: International Union for Conservation of Nature (IUCN). Available at: <http://dx.doi.org/10.2305/IUCN.UK.2008.RLTS.T39890A10271063.en>.
- Geissmann, T. and Nijman, V. (2008b). *Hylobates muelleri ssp. muelleri*. *The IUCN Red List of Threatened Species 2008: e.T39888A10270564*. Gland, Switzerland: International Union for Conservation of Nature (IUCN). Available at: <http://dx.doi.org/10.2305/IUCN.UK.2008.RLTS.T39888A10270564.en>.

- Geist, H.J. and Lambin, E.F. (2002). Proximate causes and underlying driving forces of tropical deforestation. *BioScience*, **52**, 143–50. DOI: 10.1641/0006-3568(2002)052[0143:PCAUDF]2.0.CO;2.
- Geldmann, J., Barnes, M., Coad, L., *et al.* (2013). Effectiveness of terrestrial protected areas in reducing habitat loss and population declines. *Biological Conservation*, **161**, 230–8. DOI: <https://doi.org/10.1016/j.biocon.2013.02.018>.
- GFAS (2013a). *Standards for Great Ape Sanctuaries*. Phoenix, AZ: Global Federation of Animal Sanctuaries (GFAS). Available at: http://www.sanctuaryfederation.org/gfas/wp-content/uploads/2016/07/GreatApeStandards_Dec2015.pdf. Accessed September, 2016.
- GFAS (2013b). *Standards for Old World Primates*. Phoenix, AZ: Global Federation of Animal Sanctuaries (GFAS). Available at: http://www.sanctuaryfederation.org/gfas/wp-content/uploads/2016/07/OldWorldMonkeyStandards_Dec2015.pdf. Accessed September, 2016.
- GFAS (n.d.-a). *Accreditation Frequently Asked Questions*. Phoenix, AZ: Global Federation of Animal Sanctuaries (GFAS). Available at: <http://www.sanctuaryfederation.org/gfas/for-sanctuaries/faq/#visit>.
- GFAS (n.d.-b). *GFAS Accredited Sanctuaries and GFAS Verified Sanctuaries*. Phoenix, AZ: Global Federation of Animal Sanctuaries (GFAS). Available at: <http://www.sanctuaryfederation.org/gfas/about-gfas/gfas-sanctuaries/>.
- GFAS (n.d.-c). *How to Apply*. Phoenix, AZ: Global Federation of Animal Sanctuaries (GFAS). Available at: <http://www.sanctuaryfederation.org/gfas/for-sanctuaries/how-to-apply/>.
- GFW (2014). *Tree Cover Loss (Hansen/UMD/Google/USGS/NASA). Version 1.2*. Washington DC: Global Forest Watch (GFW) World Resources Institute. Available at: data.globalforestwatch.org/datasets/63f9425c45404c36a23495ed7bef314?uiTab=metadata.
- GFW (n.d.-a). *GFW Fires*. Washington DC: Global Forest Watch (GFW) World Resources Institute. Available at: <http://fires.globalforestwatch.org/about/>. Accessed March, 2017.
- GFW (n.d.-b). *GFW Map Builder*. Washington DC: Global Forest Watch (GFW) World Resources Institute. Available at: <http://developers.globalforestwatch.org/map-builder/>. Accessed March, 2017.
- GFW (n.d.-c). *GFW Open Data Portal*. Washington DC: Global Forest Watch (GFW) World Resources Institute. Available at: http://data.globalforestwatch.org/datasets/16dae98167264b8abfbd13e23802e4f3_o.
- Gilardi, K.V., Gillespie, T.R., Leendertz, F.H., *et al.* (2015). *Best Practice Guidelines for Health Monitoring and Disease Control in Great Ape Populations*. Gland, Switzerland: International Union for Conservation of Nature Species Survival Commission (IUCN SSC), Primate Specialist Group.
- Gillanders, R. (2014). Corruption and infrastructure at the country and regional level. *The Journal of Development Studies*, **50**, 803–19. DOI: 10.1080/00220388.2013.858126.
- Gillespie, T.R. and Chapman, C.A. (2008). Forest fragmentation, the decline of an endangered primate, and changes in host–parasite interactions relative to an unfragmented forest. *American Journal of Primatology*, **70**, 222–30. DOI: 10.1002/ajp.20475.
- GLAD (n.d.). *Global Forest Watch*. College Park, MD: Global Land Analysis & Discovery (GLAD), University of Maryland. Available at: <http://glad.umd.edu/projects/global-forest-watch>. Accessed December, 2016.
- Global Commission on the Economy and Climate (2016). *The Sustainable Infrastructure Imperative: Financing for Better Growth and Development. The 2016 New Climate Economy Report*. Washington DC: New Climate Economy. Available at: http://newclimateeconomy.report/2016/wp-content/uploads/sites/4/2014/08/NCE_2016Report.pdf.
- Global Road Map (n.d.). *Key Facts about Roads*. Cairns, Australia: James Cook University. Available at: <http://www.global-roadmap.org/about/>. Accessed January, 2017.
- Global Wind Report (2015). *Global Wind Report 2015: Annual Market Update*. Brussels, Belgium: Global Wind Energy Council.
- Global Witness (2012). *In the Future, There Will be No Forests Left*. London, UK: Global Witness. Available at: https://www.globalwitness.org/sites/default/files/library/HSBC-logging-briefing-FINAL-WEB_o.pdf. Accessed November 10, 2016.
- Golder Associates (2015). *SETRAG - Programme de Maintenance Des Voies et Des Installations Connexes: Plan d'Action Sur La Biodiversité*. Libreville, Gabon: SETRAG.
- Google Earth (n.d.). *Google Earth*. Google Earth. Available at: <https://www.google.com/earth/index.html>. Accessed January, 2017.

- Google Earth Engine Team (n.d.). *Google Earth Engine: A Planetary-Scale Geospatial Analysis Platform*. Google Earth Engine. Available at: <https://earthengine.google.com>. Accessed 2017.
- Goossens, B., Kapar, M.D., Kahar, S. and Ancrenaz, M. (2011). First sighting of Bornean orang-utan twins in the wild. *Asian Primates Journal*, **2**, 10–2.
- Goossens, B., Setchell, J.M., Tchidongo, E., *et al.* (2005). Survival, interactions with conspecifics and reproduction in 37 chimpanzees released into the wild. *Biological Conservation*, **123**, 461–75. DOI: <https://doi.org/10.1016/j.biocon.2005.01.008>.
- Gorilla SSP (n.d.). *Gorilla Species Survival Plan*. The Gorilla Species Survival Plan (SSP). Available at: <http://www.gorillassp.org/aboutSSP.html>. Accessed October 10, 2014.
- Gorman, J. (2015a). Chimpanzees in Liberia, used in New York blood center research, face uncertain future. *The New York Times*, May 28, 2015. Available at: <http://www.nytimes.com/2015/05/29/science/chimpanzees-liberia-new-york-blood-center.html>.
- Gorman, J. (2015b). Plan to export chimps tests law to protect species. *The New York Times*, November 14, 2015. Available at: <http://www.nytimes.com/2015/11/15/science/plan-to-export-chimps-tests-law-to-protect-species.html>.
- Gorman, J. (2016). 2nd lawsuit filed in US to block chimps' move to England. *The New York Times*, April 26, 2016. Available at: <http://www.nytimes.com/2016/04/27/science/2nd-lawsuit-filed-in-us-to-block-chimps-move-to-england.html>.
- Goufan, J.-M. and Adeline, T. (2005). *Etude Environnementale du Barrage de Lom Pangar. Etude de l'Urbanisation (thème 10) – Volet Afflux de population – Rapport Après Consultation*. Yaoundé, Cameroon: Ministry of Water Resources and Energy. Available at: https://www.iucn.org/sites/dev/files/import/downloads/tio_urbanisation_voli_v4_lom_pangar.pdf.
- Gowan, C., Stephenson, K. and Shabman, L. (2006). The role of ecosystem valuation in environmental decision making: hydropower relicensing and dam removal on the Elwha River. *Ecological Economics*, **56**, 508–23. DOI: <https://doi.org/10.1016/j.ecolecon.2005.03.018>.
- GRASP (2016). *Apes Seizure Database Reveals True Extent of Illegal Trade*. Great Apes Survival Project (GRASP). Available at: <http://www.un-grasp.org/apes-seizure-database-reveals-true-extent-of-illegal-trade/>. Accessed October, 2016.
- Gray, M., Roy, J., Vigilant, L., *et al.* (2013). Genetic census reveals increased but uneven growth of a critically endangered mountain gorilla population. *Biological Conservation*, **158**, 230–8. DOI: <https://doi.org/10.1016/j.biocon.2012.09.018>.
- Green, J.M.H., Cranston, G.R., Sutherland, W.J., *et al.* (2017). Research priorities for managing the impacts and dependencies of business upon food, energy, water and the environment. *Sustainability Science*, **12**, 319–31. DOI: [10.1007/s11625-016-0402-4](https://doi.org/10.1007/s11625-016-0402-4).
- Griffiths, M. and Van Schaik, C.P. (1993). The impact of human traffic on the abundance and activity periods of Sumatran rain forest wildlife. *Conservation Biology*, **7**, 623–6.
- Gron, K. (2010). *Lar gibbon* Hylobates lar. University of Wisconsin-Madison, Madison, WI: Primate Info Net. Available at: http://pin.primate.wisc.edu/factsheets/entry/lar_gibbon. Accessed July 12, 2017.
- Grueter, C.C., Ndamiyabo, F., Plumptre, A.J., *et al.* (2013). Long-term temporal and spatial dynamics of food availability for endangered mountain gorillas in Volcanoes National Park, Rwanda. *American Journal of Primatology*, **75**, 267–80. DOI: [10.1002/ajp.22102](https://doi.org/10.1002/ajp.22102).
- Grumbine, R.E., Dore, J. and Xu, J. (2012). Mekong hydropower: drivers of change and governance challenges. *Frontiers in Ecology and the Environment*, **10**, 91–8. DOI: [10.1890/110146](https://doi.org/10.1890/110146).
- Gubelman, E. (1995). *Proposal for the contraction of the Kacwamuhoro-Kiyeye-Katoma-Ruhija road around Bwindi Impenetrable National Park: findings of a feasibility study and preliminary project proposal for CARE*. Unpublished report.
- Guerry, A.D., Polasky, S., Lubchenco, J., *et al.* (2015). Natural capital and ecosystem services informing decisions: from promise to practice. *Proceedings of the National Academy of Sciences*, **112**, 7348–55. DOI: [10.1073/pnas.1503751112](https://doi.org/10.1073/pnas.1503751112).
- Gullett, W. (1998). Environmental impact assessment and the precautionary principle: legislating caution in environmental protection. *Australian Journal of Environmental Management*, **5**, 146–58. DOI: [10.1080/14486563.1998.10648411](https://doi.org/10.1080/14486563.1998.10648411).

- Gumal, M. and Braken Tisen, O. (2015). *Orangutan Strategic Action Plan: Trans-Boundary Biodiversity Conservation Area*. Wildlife Conservation Society, Malaysia Program and Sarawak Forestry Corporation, Sarawak Forest Department.
- Guy, A.J., Curnoe, D. and Banks, P.B. (2014). Welfare based primate rehabilitation as a potential conservation strategy: does it measure up? *Primates*, **55**, 139–47. DOI: 10.1007/s10329-013-0386-y.
- GVC, BIC and IRN (2006). *In Whose Interest? The Lom Pangar Dam and Energy Sector Development in Cameroon*. June, 2006. Global Village Cameroon (GVT), Bank Information Center (BIC) and International Rivers Network (IRN). Available at: <https://www.internationalrivers.org/sites/default/files/attached-files/whoseinterest.pdf>.
- HAKA, KPHA, OIC, *et al.* (2016). *The Importance of the Kappi Area in the Gunung Leuser National Park and Further Support for its Current Core Area Status*. Medan, Indonesia: ALERT, Forest, Nature, and Environment of Aceh (HAKA), Koalisi Peduli Hutan Aceh (KPHA), Orangutan Information Centre (OIC), PanEco Foundation, Sumatran Orangutan Society (SOS) and Yayasan Ekosistem Lestari (YEL) Available at: <https://static1.squarespace.com/static/51b078a6e4b0e8d244dd9620/t/586645cc414fb5c4d35e8c87/1483097562011/Report+to+Minister.pdf>.
- Halleson, D. (2016). *The central African lion ore corridor: transforming the Congo Basin*. Presented at: Integrated Resources Corridor Partnership Workshop, June 21–22, Dar es Salaam, Tanzania. Cameroon: World Wide Fund for Nature (WWF).
- Hamard, M., Cheyne, S.M. and Nijman, V. (2010). Vegetation correlates of gibbon density in the peat-swamp forest of the Sabangau catchment, Central Kalimantan, Indonesia. *American Journal of Primatology*, **72**, 607–16. DOI: 10.1002/ajp.20815.
- Hanafiah, J. (2016). Aceh governor eyes geothermal project in Indonesia's leuser ecosystem. *Mongabay*, August, 2016. Available at: <https://news.mongabay.com/2016/08/aceh-governor-eyes-geothermal-project-in-indonesias-leuser-ecosystem/>. Accessed April 5, 2017.
- Hansen, A.J. and DeFries, R. (2007). Ecological mechanisms linking protected areas to surrounding lands. *Ecological Applications*, **17**, 974–88. DOI: 10.1890/05-1098.
- Hansen, M.C., Alexander, K., Alexandra, T., *et al.* (2016). Humid tropical forest disturbance alerts using Landsat data. *Environmental Research Letters*, **11**, 034008.
- Hansen, M.C., Potapov, P.V., Moore, R., *et al.* (2013). High-resolution global maps of 21st-century forest cover change. *Science*, **342**, 850–3. DOI: 10.1126/science.1244693. Available at: <http://science.sciencemag.org/content/sci/342/6160/850.full.pdf>. Data available on-line from: <http://earthenginepartners.appspot.com/science-2013-global-forest>. Accessed through Global Forest Watch September 2016–February 2017. www.globalforestwatch.org.
- Harcourt, A.H. and Greenberg, J. (2001). Do gorilla females join males to avoid infanticide? A quantitative model. *Animal Behaviour*, **62**, 905–15. DOI: <https://doi.org/10.1006/anbe.2001.1835>.
- Harcourt, A.H. and Wood, M.A. (2012). Rivers as barriers to primate distributions in Africa. *International Journal of Primatology*, **33**, 168–83. DOI: 10.1007/s10764-011-9558-z.
- Hart, J. (2014). *Summary results of elephant surveys in North Central DR Congo 2007–2013*. Submission to African Elephant Data Base.
- Harvey, P. and Knox, H. (2015). *Roads: An Anthropology of Infrastructure and Expertise*. Ithaca, NY: Cornell University Press.
- Haskoning (Nederland B.V. Environment) (2011). *Specific Environmental Impact Assessment (SEIA) for the Interaction between the Chad-Cameroon Pipeline Project and the Lom Pangar Dam Project*. Yaoundé, Cameroon: Cameroon Oil Transportation Company.
- Head, J.S., Boesch, C., Makaga, L. and Robbins, M.M. (2011). Sympatric chimpanzees (*Pan troglodytes troglodytes*) and gorillas (*Gorilla gorilla gorilla*) in Loango National Park, Gabon: dietary composition, seasonality, and intersite comparisons. *International Journal of Primatology*, **32**, 755–75. DOI: 10.1007/s10764-011-9499-6.
- Head, J.S., Boesch, C., Robbins, M.M., *et al.* (2013). Effective sociodemographic population assessment of elusive species in ecology and conservation management. *Ecology and Evolution*, **3**, 2903–16. DOI: 10.1002/ece3.670.
- Helsingen, H., Sai Nay Won Myint, Bhagabati, N., *et al.* (2015). *A Better Road to Dawei: Protecting Wildlife, Sustaining Nature, Benefiting People*. Yangon, Myanmar: World Wide Fund for Nature (WWF).

- Hernandez-Aguilar, R.A. (2009). Chimpanzee nest distribution and site reuse in a dry habitat: implications for early hominin ranging. *Journal of Human Evolution*, **57**, 350–64. DOI: <https://doi.org/10.1016/j.jhevol.2009.03.007>.
- Hettige, H. (2006). *When Do Rural Roads Benefit the Poor and How? An In-Depth Analysis*. Manila, Philippines: Asian Development Bank (ADB).
- Hickey, J.R., Nackoney, J., Nibbelink, N.P., *et al.* (2013). Human proximity and habitat fragmentation are key drivers of the rangewide bonobo distribution. *Biodiversity and Conservation*, **22**, 3085–104. DOI: [10.1007/s10531-013-0572-7](https://doi.org/10.1007/s10531-013-0572-7).
- Hicks, T.C., Darby, L., Hart, J., *et al.* (2010). Trade in orphans and bushmeat threatens one of the Democratic Republic of the Congo's most important populations of eastern chimpanzees (*Pan troglodytes schweinfurthii*). *African Primates (Print)*, **7**, 1–18.
- Hicks, T.C. and van Boxel, J.H. (2010). *The Study Region and a Brief History of the Bili Project*. Amsterdam, the Netherlands: Institute for Biodiversity and Ecosystem Dynamics (IBED).
- Highland Farm (n.d.). *Meet our Gibbons*. Tambol Chongkab, Thailand: Gibbon at Highland Farm. Available at: <http://www.gibbonathighlandfarm.org/content-Meetourgibbons-5-7334-2.html>. Accessed February 10, 2017.
- Hobbs, J. and Kumah, F. (2015). The extractives slowdown in Africa: a window of opportunity? *Africa Policy Review*. Available at: <http://africapolicyreview.com/the-extractives-slowdown-in-africa-a-window-of-opportunity/>.
- Hobbs, J.B. and Butkovic, L. (2016). *Proceedings of the Integrated Resources Corridor Workshop 2016*. Nairobi, Kenya: World Wide Fund for Nature (WWF) Regional Office for Africa.
- Hockings, K.J. (2011). Behavioral flexibility and division of roles in chimpanzee road-crossing. In *The Chimpanzees of Bossou and Nimba*, ed. T. Matsuzawa, T. Humle and Y. Sugiyama. Tokyo, Japan: Springer, pp. 221–9.
- Hockings, K.J., Anderson, J.R. and Matsuzawa, T. (2006). Road crossing in chimpanzees: a risky business. *Current Biology*, **16**, R668–R70. DOI: [10.1016/j.cub.2006.08.019](https://doi.org/10.1016/j.cub.2006.08.019).
- Hockings, K.J., Anderson, J.R. and Matsuzawa, T. (2009). Use of wild and cultivated foods by chimpanzees at Bossou, Republic of Guinea: feeding dynamics in a human-influenced environment. *American Journal of Primatology*, **71**, 636–46. DOI: [10.1002/ajp.20698](https://doi.org/10.1002/ajp.20698).
- Hockings, K.J. and Humle, T. (2009). *Best Practice Guidelines for the Prevention and Mitigation of Conflict Between Humans and Great Apes*. Gland, Switzerland: International Union for Conservation of Nature Species Survival Commission (IUCN SSC), Primate Specialist Group.
- Hockings, K.J., McLennan, M.R., Carvalho, S., *et al.* (2015). Apes in the Anthropocene: flexibility and survival. *Trends in Ecology & Evolution*, **30**, 215–22. DOI: <https://doi.org/10.1016/j.tree.2015.02.002>.
- Hockings, K.J. and Sousa, C. (2013). Human–chimpanzee sympatry and interactions in Cantanhez National Park, Guinea-Bissau: current research and future directions. *Primate Conservation*, **26**, 57–65. DOI: [10.1896/052.026.0104](https://doi.org/10.1896/052.026.0104).
- Hohmann, G., Fowler, A., Sommer, V. and Ortmann, S. (2006). Frugivory and gregariousness of Salonga bonobos and Gashaka chimpanzees: the influence of abundance and nutritional quality of fruit. In *Feeding Ecology in Apes and Other Primates*, ed. G. Hohmann, M. M. Robbins and C. Boesch. Cambridge, UK: Cambridge University Press, pp. 123–59.
- Hohmann, G., Gerloff, U., Tautz, D. and Fruth, B. (1999). Social bonds and genetic ties: kinship, association and affiliation in a community of bonobos (*Pan paniscus*). *Behaviour*, **136**, 1219–35. DOI: <https://doi.org/10.1163/156853999501739>.
- Honjiang, C. (2016). *The Belt and Road Initiative and Its Impact on Asia-Europe Connectivity*. Beijing, PRC: China Institute of International Studies. Available at: http://www.ciis.org.cn/english/2016-07/21/content_891184.htm.
- Horta, K. (2012). Public-private-partnership and institutional capture: the state, international institutions and indigenous peoples in Chad and Cameroon. In *The Politics of Resource Extraction: Indigenous Peoples, Multinational Corporations, and the State*, ed. S. Sawyer and E. T. Gomez. UN Research Institute for Social Development. Available at: https://urgewald.org/sites/default/files/the_politics_of_resource_extraction.pdf.
- Houghton, R.A., House, J.I., Pongratz, J., *et al.* (2012). Carbon emissions from land use and land-cover change. *Biogeosciences*, **9**, 5125–42. DOI: <https://doi.org/10.5194/bg-9-5125-2012>.
- Human Rights Watch (2016). *World Report 2017: Malaysia, Events of 2016*. New York, NY: Human Rights Watch. Available at: <https://www.hrw.org/world-report/2017/country-chapters/malaysia>. Accessed April 6, 2017.
- Humle, T. (2011). Location and ecology. In *Chimpanzees of Bossou and Nimba*, ed. T. Matsuzawa, T. Humle and Y. Sugiyama. Tokyo, Japan: Springer-Verlag, pp. 371–80.

- Humle, T. (2015). *The Dimensions of Ape-Human Interactions in Industrial Agricultural Landscapes. Background Paper for State of the Apes: Industrial Agriculture and Ape Conservation*. Arcus Foundation. Cambridge, UK: Cambridge University Press. Available at: <http://www.stateoftheapes.com/wp-content/uploads/2016/03/Ape-Human-Interactions-in-Industrial-Agricultural-Landscapes.pdf>.
- Humle, T. and Farmer, K. (2015). Primate rehabilitation in Africa: myths and realities. *African Conservation Telegraph*, 9, 2.
- Humle, T. and Hill, C. (2016). People-primate interactions: implications for primate conservation. In *Introduction to Primate Conservation*, ed. S. A. Wich and A. J. Marshall. Oxford, UK: Oxford University Press, pp. 219–40.
- Humle, T., Boesch, C., Campbell, G., et al. (2016a). Pan troglodytes ssp. verus (errata version published in 2016). *The IUCN Red List of Threatened Species 2016: e.T15935A102327574*. Gland, Switzerland: International Union for Conservation of Nature (IUCN). Available at: <http://dx.doi.org/10.2305/IUCN.UK.2016-2.RLTS.T15935A17989872.en>.
- Humle, T., Colin, C., Laurans, M. and Raballand, E. (2011). Group release of sanctuary chimpanzees (*Pan troglodytes*) in the Haut Niger National Park, Guinea, west Africa: ranging patterns and lessons so far. *International Journal of Primatology*, 32, 456–73. DOI: 10.1007/s10764-010-9482-7.
- Humle, T., Maisels, F., Oates, J.F., Plumtre, A. and Williamson, E.A. (2016b). Pan troglodytes (errata version published in 2016). *The IUCN Red List of Threatened Species 2016: e.T15933A102326672*. Gland, Switzerland: International Union for Conservation of Nature (IUCN). Available at: <http://www.iucnredlist.org/details/15933/o>. Accessed November 15, 2016.
- Humphrey, C., Griffith-Jones, S., Xu, J., Carey, R. and Prizzon, A. (2015). *Multilateral Development Banks in the 21st Century. Three Perspectives on China and the Asian Infrastructure Investment Bank*. London, UK: Overseas Development Institute. Available at: <https://www.odi.org/publications/10159-multilateral-development-banks-21st-century-three-perspectives-china-asian-infrastructure-investment-bank>.
- Hunsberger, C., Corbera, E., Borrás Jr, S.M., et al. (2015). *Land-Based Climate Change Mitigation, Land Grabbing and Conflict: Understanding Intersections and Linkages, Exploring Actions for Change*. MOSAIC Research Project: MOSAIC Working Paper Series No 1. Available at: https://www.iss.nl/sites/corporate/files/CMCP_72-Hunsberger_et_al.pdf.
- Hvilsom, C., Frandsen, P., Børsting, C., et al. (2013). Understanding geographic origins and history of admixture among chimpanzees in European zoos, with implications for future breeding programmes. *Heredity*, 110, 586. DOI: 10.1038/hdy.2013.9. Available at: <https://www.nature.com/articles/hdy20139#supplementary-information>.
- IBAT (n.d.). *Global Biodiversity Decision Support Platform*. Integrated Biodiversity Assessment Tool (IBAT) for Business. Available at: <https://www.ibatforbusiness.org>.
- Ibisch, P.L., Hoffmann, M.T., Kreft, S., et al. (2016). A global map of roadless areas and their conservation status. *Science*, 354, 1423–7. DOI: 10.1126/science.aaf7166.
- ICA (2014). *Infrastructure Financing Trends in Africa*. Infrastructure Consortium for Africa (ICA), African Development Bank. Available at: http://www.icafrica.org/fileadmin/documents/Annual_Reports/INFRASTRUCTURE_FINANCING_TRENDS_IN_AFRICA_%E2%80%932014.pdf.
- ICCN (2009). *Plan General de Gestion du Parc National de Kahuzi-Biega*. Gombe–Kinshasa, DRC: Institut Congolais pour la Conservation de la Nature (ICCN). Available at: <http://www.kahuzi-biega.org/publications/publications/>.
- ICCN (2015). *Rapport Annuel des Activités du Parc National de Kahuzi-Biega*. Gombe–Kinshasa, DRC: Institut Congolais pour la Conservation de la Nature (ICCN).
- ICCN (2016). *Rapport à l'UNESCO sur l'Etat de Conservation des Sites de patrimoine mondial en RDC*. Gombe–Kinshasa, DRC: Institut Congolais pour la Conservation de la Nature (ICCN). Available at: <http://whc.unesco.org/en/list/137/documents/>.
- ICOLD (n.d.). *Definition of a Large Dam*. Paris, France: International Commission on Large Dams (ICOLD). Available at: www.icold-cigb.org/GB/dams/definition_of_a_large_dam.asp.
- IDB (n.d.). *Project Snapshot: Hydroelectric Project takes Unprecedented Measures to Protect Habitat, Reventazón Hydroelectric Project, Costa Rica*. Washington DC: Inter-American Development Bank (IDB). Available at: <http://www.iadb.org/en/topics/sustainability/project-snapshot-hydroelectric-project-takes-unprecedented-measures-to-protect-habitat,7998.html>. Accessed June 28, 2017.

- IEA (2012). *Technology Roadmap: Hydropower*. Paris, France: International Energy Agency (IEA). Available at: http://www.iea.org/publications/freepublications/publication/2012_Hydropower_Roadmap.pdf.
- IEA (2016). *World Energy Outlook 2016*. Paris, France: International Energy Agency (IEA). Available at: <https://www.docdroid.net/IOBt86G/world-energy-outlook-2016.pdf#page=4>.
- IFC (2012a). *Guidance Note 6: Biodiversity Conservation and Sustainable Management of Living Natural Resources*. Washington DC: International Finance Corporation (IFC), World Bank Group. Available at: https://www.ifc.org/wps/wcm/connect/a359a380498007e9a1b7f3336b93d75f/Updated_GN6-2012.pdf?MOD=AJPERES.
- IFC (2012b). *Performance Standard 1: Assessment and Management of Environmental and Social Risks and Impacts*. Washington DC: International Finance Corporation (IFC), World Bank Group.
- IFC (2012c). *Performance Standard 6: Biodiversity Conservation and Sustainable Management of Living Natural Resources*. Washington DC: International Finance Corporation (IFC), World Bank Group. Available at: http://www.ifc.org/wps/wcm/connect/bff0a28049a790d6b835faa8c6a8312a/PS6_English_2012.pdf?MOD=AJPERES.
- IFC (2013). *Cumulative Impact Assessment and Management: Guidance for the Private Sector in Emerging Markets*. Washington DC: International Finance Corporation (IFC), World Bank Group.
- IFC (n.d.). *Chad–Cameroon Pipeline Project Documentation*. Washington DC: International Finance Corporation (IFC), World Bank Group. Available at: http://www.ifc.org/wps/wcm/connect/region__ext_content/regions/sub-saharan+afrika/investments/chadcameroon. Accessed October 6, 2016.
- IGF (2013). *A Mining Policy Framework. Mining and Sustainable Development, Managing One to Advance Another*. Ottawa, Canada: Intergovernmental Forum on mining, minerals, metals and sustainable development (IGF). Available at: <http://www.globaldialogue.info/MPFOct2013.pdf>.
- IHA (2010). *Hydropower Sustainability Assessment Protocol*. London, UK: International Hydropower Association (IHA). Available at: <http://www.hydrosustainability.org/Protocol/Protocol.aspx>.
- Ihua-Maduenyi, M. (2016). FG stops work on Cross River superhighway. *Punch*, March 14, 2016. Available at: <http://punchng.com/fg-stops-work-on-cross-river-superhighway/>.
- Ihua-Maduenyi, M. (2017). W'Bank manager lauds rerouting of C'River superhighway. *Punch*, April 3, 2017. Available at: <http://punchng.com/wbank-manager-lauds-rerouting-of-cr-river-superhighway/>.
- ILO (n.d.). *C169: Indigenous and Tribal Peoples Convention, 1989 (No. 169)*. Geneva, Switzerland: International Labour Organization (ILO). Available at: http://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:12100:0::NO::P12100_ILO_CODE:C169.
- Imong, I., Kuhl, H.S., Robbins, M.M. and Mundry, R. (2016a). Evaluating the potential effectiveness of alternative management scenarios in ape habitat. *Environmental Conservation*, **43**, 1–11.
- Imong, I., Robbins, M.M., Mundry, R., Bergl, R. and Kuhl, H.S. (2014b). Distinguishing ecological constraints from human activity in species range fragmentation: the case of Cross River gorillas. *Animal Conservation*, **17**, 323–31. DOI: 10.1111/acv.12100.
- Imong, I., Robbins, M.M., Mundry, R., Bergl, R. and Kuhl, H.S. (2014). Informing conservation management about structural versus functional connectivity: a case-study of Cross River gorillas. *American Journal of Primatology*, **76**, 978–88. DOI: 10.1002/ajp.22287.
- Indonesia CMEA (2011). *Masterplan for Acceleration and Expansion of Indonesia Economic Development 2011–2025*. Jakarta, Indonesia: Coordinating Ministry for Economic Affairs (CMEA), Republic of Indonesia Ministry of National Development Planning/National Development Planning Agency.
- Indonesia Investments (2011). *Master Plan for Acceleration and Expansion of Indonesia's Development (MP3EI)*. Jakarta, Indonesia: Department of Planning (BAPPENAS). Available at: <https://www.indonesia-investments.com/projects/government-development-plans/masterplan-for-acceleration-and-expansion-of-indonesias-economic-development-mp3ei/item306>.
- Indonesia MoF (2009). *Orangutan Indonesia Conservation Strategies and Action Plan 2007–2017*. Jakarta, Indonesia: Ministry of Foreign Affairs of the Republic of Indonesia (MoF). Directorate General of Forest Protection and Nature Conservation, Ministry of Forestry of the Republic of Indonesia. Available at: http://static1.1.sqspcdn.com/static/f/1200343/20457144/1348934583800/Indonesian_Orangutan_NAP_2007-2017.pdf?token=zWCXNjRaYJv5Lx7C3osEQgryqWl%3D.
- Ingle, N. (2016). Op-Ed. Will the ax fall on Nigeria's national parks? *NY Times*, November 3, 2016. Available at: http://www.nytimes.com/2016/11/04/opinion/will-the-ax-fall-on-nigerias-national-parks.html?_r=0.

- Integrated Environments (2010). *Environmental Management Plan: Trung Son Hydropower Project (TSHP)*. Prepared for the Trung Son Project Management Board. Calgary, Alberta: Integrated Environments (2006) Ltd. Available at: <http://siteresources.worldbank.org/INTVIETNAM/Resources/A7.pdf>.
- International Rivers (n.d.-a). *Bakun Dam*. Berkeley, CA: International Rivers. Available at: <https://www.internationalrivers.org/campaigns/bakun-dam>. Accessed September 12, 2017.
- International Rivers (n.d.-b). *Economic Impact of Dams*. Oakland, CA: International Rivers. Available at: <https://www.internationalrivers.org/economic-impacts-of-dams>. Accessed May, 2017.
- International Rivers (n.d.-c). *Grand Inga Hydroelectric Project: An Overview*. Berkeley, CA: International Rivers. Available at: <https://www.internationalrivers.org/resources/grand-inga-hydroelectric-project-an-overview-3356>. Accessed August, 2017.
- International Rivers (n.d.-d). *Murum Dam*. Berkeley, CA: International Rivers. Available at: <https://www.internationalrivers.org/campaigns/murum-dam>. Accessed September 12, 2017.
- IRENA (2015). *Africa 2030: Roadmap for a Renewable Energy Future*. Abu Dhabi, UAE: International Renewable Energy Agency (IRENA).
- ITALTHAI (n.d.). *Overview*. Bangkok, Thailand: ITALTHAI. Available at: www.italthai.com/en/overview.
- ITD (2011). *Dawei project overview and work in progress*. Internal Company Report, July. Bangkok, Thailand: Italian-Thai Development Co. (ITD).
- ITD (2012). *Dawei deep seaport and industrial estate development project*. PowerPoint slides. Bangkok, Thailand: Italian-Thai Development Co (ITD).
- IUCN (2013). *The IUCN Red List of Threatened Species. Version 2013.1*. Gland, Switzerland: International Union for Conservation of Nature (IUCN). Available at: <http://www.iucnredlist.org>.
- IUCN (2014a). *Biodiversity Offsets Technical Study Paper*. Gland, Switzerland: International Union for Conservation of Nature (IUCN).
- IUCN (2014b). *Plan d'Action Régional Pour la Conservation des Gorilles de Plaine de l'Ouest et des Chimpanzés d'Afrique Centrale 2015–2025*. Gland, Switzerland: Groupe de Spécialistes des Primates de la CSE/IUCN.
- IUCN (2014c). *Regional Action Plan for the Conservation of Western Lowland Gorillas and Central Chimpanzees 2015–2025*. Gland, Switzerland: International Union for Conservation of Nature Species Survival Commission (IUCN SSC), Primate Specialist Group. Available at: https://d2ouvy59podg6k.cloudfront.net/downloads/wea_apes_plan_2014_7mb.pdf.
- IUCN (2014d). *The IUCN Red List of Threatened Species. Version 2014.3*. Gland, Switzerland: International Union for Conservation of Nature (IUCN). Available at: <http://www.iucnredlist.org>.
- IUCN (2016a). *IUCN was at the 3rd Asia Ministerial Conference on Tiger Conservation*. Gland, Switzerland: International Union for Conservation of Nature (IUCN). Available at: <https://www.iucn.org/news/species/201607/iucn-was-3rd-asia-ministerial-conference-tiger-conservation>.
- IUCN (2016b). *The IUCN Red List of Threatened Species. Version 2016.2*. Gland, Switzerland: International Union for Conservation of Nature (IUCN). Available at: <http://www.iucnredlist.org>. Accessed September, 2016.
- IUCN (2016c). *The IUCN Red List of Threatened Species. Version 2016.3*. Gland, Switzerland: International Union for Conservation of Nature (IUCN). Available at: <http://www.iucnredlist.org>. Accessed December 7, 2016.
- IUCN (2016d). *Understanding Human Dependence on Forests: An Overview of IUCN's Efforts and Findings, and their Implications*. Gland, Switzerland: International Union for Conservation of Nature (IUCN). Available at: <https://www.iucn.org/news/forests/201611/understanding-human-dependence-forests-overview-iucn%E2%80%99s-efforts-and-findings-and-their-implications>.
- IUCN (2017). *The IUCN Red List of Threatened Species. Version 2017.1*. Gland, Switzerland: International Union for Conservation of Nature (IUCN). Available at: <http://www.iucnredlist.org>.
- IUCN (n.d.-a). *Categories and Criteria*. Gland, Switzerland: International Union for Conservation of Nature (IUCN). Available at: www.iucnredlist.org/technical-documents/categories-and-criteria. Accessed March, 2017.
- IUCN (n.d.-b). *Protected Areas Categories*. Gland, Switzerland: International Union for Conservation of Nature (IUCN). Available at: <https://www.iucn.org/theme/protected-areas/about/protected-areas-categories>.

- IUCN SSC (2013). *Guidelines for Reintroductions and Other Conservation Translocations. Version 1.0*. Gland, Switzerland: International Union for Conservation of Nature Species Survival Commission (IUCN SSC). Available at: http://www.issg.org/pdf/publications/RSG_ISSG-Reintroduction-Guidelines-2013.pdf.
- IUCN SSC Primate Specialist Group (2006). *Primates of Peru: Taxonomy and Conservation Status*. Gland, Switzerland: International Union for Conservation of Nature Species Survival Commission (IUCN SSC). Available at: http://www.primate-sg.org/primates_of_peru/.
- IUCN and UNEP-WCMC (2016). *The World Database on Protected Areas (WDPA)*. Cambridge, UK: United Nations Environment Programme (UNEP), World Conservation Monitoring Centre (WCMC). Available at: <http://www.protectedplanet.net>.
- Jacobs, A. (2015). *Factors affecting the prevalence of road and canopy bridge crossings by primates in Diani Beach, Kenya*. Masters thesis. Canterbury, UK: University of Kent.
- Jaeger, J.A.G., Bowman, J., Brennan, J., et al. (2005). Predicting when animal populations are at risk from roads: an interactive model of road avoidance behavior. *Ecological Modelling*, **185**, 329–48. DOI: <https://doi.org/10.1016/j.ecolmodel.2004.12.015>.
- Jaeger, J.A., Fahrig, L. and Ewald, K.C. (2006). *Does the configuration of road networks influence the degree to which roads affect wildlife populations?* In *Proceedings of the 2005 International Conference on Ecology and Transportation*, ed. C. L. Irwin, P. Garrett and K. P. McDermott. Center for Transportation and the Environment, North Carolina State University, pp. 151–63. Available at: http://www.icoet.net/ICOET_2005/05proceedings_directory.asp.
- Jakob-Hoff R.M., MacDiarmid S.C. and C., L. (2014). *Manual of Procedures for Wildlife Disease Risk Analysis*. Paris, France: World Organization for Animal Health in association with the International Union for Conservation of Nature Species Survival Commission (IUCN SSC).
- Jalil, M.F., Cable, J., Sinyor, J., et al. (2008). Riverine effects on mitochondrial structure of Bornean orang-utans (*Pongo pygmaeus*) at two spatial scales. *Molecular Ecology*, **17**, 2898–909. DOI: [10.1111/j.1365-294X.2008.03793.x](https://doi.org/10.1111/j.1365-294X.2008.03793.x).
- Jantz, S., Pintea, L., Nackoney, J. and Hansen, M. (2016). Landsat ETM+ and SRTM data provide near real-time monitoring of chimpanzee (*Pan troglodytes*) habitats in Africa. *Remote Sensing*, **8**, 427.
- Jong, H.N. (2016). Govt to revise wildlife law as protected animals face extinction. *Jakarta Post*, March 1, 2016. Available at: <http://www.thejakartapost.com/news/2016/03/01/govt-revise-wildlife-law-protected-animals-face-extinction.html>. Accessed February 23, 2017.
- Joshi, A.R., Dinerstein, E., Wikramanayake, E., et al. (2016). Tracking changes and preventing loss in critical tiger habitat. *Science Advances*, **2**. DOI: [10.1126/sciadv.1501675](https://doi.org/10.1126/sciadv.1501675).
- Junker, J., Blake, S., Boesch, C., et al. (2012). Recent decline in suitable environmental conditions for African great apes. *Diversity and Distributions*, **18**, 1077–91. DOI: [10.1111/ddi.12005](https://doi.org/10.1111/ddi.12005).
- Kabukuru, W. (2016). World Bank's monkey business. *New African*, March, 2016.
- Kahler, M., Henning, C.R., Bown, C.P., et al. (2016). *Global Order and the New Regionalism*. Discussion Paper Series on Global and Regional Governance. (September). New York, NY: Council on Foreign Relations. Available at: <https://www.cfr.org/report/global-order-and-new-regionalism>.
- Kalaweit France (2016). *Compte rendu de l'Assemblée Générale du Samedi 17 Septembre 2016*. Paris, France: Kalaweit. Available at: http://kalaweit.org/gestion/Modules/tiny_mce/plugins/filemanager/files/CR_AG_2015.pdf.
- Kallang, P. (2016). *Murum Another Dam Which Does Not Make Economic Sense*. Kuala Lumpur, Malaysia: Malaysiakini. Available at: <http://www.malaysiakini.com/letters/342275>. Accessed November 15, 2016.
- Kalpers, J., Gray, M., Asuma, S., et al. (2011). Buffer zone and human–wildlife conflict management. In *20 Years of IGCP: Lessons Learned in Mountain Gorilla Conservation*, ed. M. Gray and E. Rutagarama. Kigali, Rwanda: International Gorilla Conservation Programme, pp. 105–37.
- Kampala, L.E. (2012). Request for expression of interest for the development of 1900 km of roads supporting primary growth sectors through contractor facilitated financing mechanism, procurement reference number: UNRA/Works/2011–2012/00002/02/01–05. Uganda National Road Authority (UNRA). *Daily Monitor*.
- Kano, T. (1972). Distribution and adaptation of the chimpanzee on the eastern shore of Lake Tanganyika. In *African Studies VII*. Kyoto, Japan: Kyoto University, pp. 37–129.

- Katsis, L. (2017). *Spatial patterns of primate electrocutions in Diani, Kenya*. Masters thesis. Bristol, UK: University of Bristol.
- Kelly, A.S., Connette, G., Helsing, H. and Soe, P. (2016). *Wildlife Crossing: Locating Species' Movement Corridors in Tanintharyi*. Yangon, Myanmar: World Wide Fund for Nature (WWF).
- Kenrick, J. (2006). Equalising processes, processes of discrimination and the Forest People of Central Africa. In *Property and Equality. Volume 2: Encapsulation, Commercialization, Discrimination*, ed. T. Widlock and W. Tadesse. Oxford, UK: Berghahn, pp. 104–28.
- Kenrick, J. and Lewis, J. (2004). Indigenous peoples' rights and the politics of the term 'indigenous'. *Anthropology Today*, **20**, 4–9. DOI: 10.1111/j.0268–540X.2004.00256.x.
- KFBG (n.d.). *Wild Animal Rescue Centre (WARC)*. Hong Kong: Kadoorie Farm & Botanic Garden (KFBG). Available at: <http://www.kfbg.org/eng/warc.aspx>. Accessed September, 2016.
- Kidd, C. and Kenrick, J. (2009). The Forest People of Africa: land rights in context. In *Land Rights and the Forest Peoples of Africa: Historical, Legal and Anthropological Perspectives*, ed. V. Couillard, J. Gilbert, J. Kenrick and C. Kidd. Moreton-in-Marsh, UK: Forest Peoples Programme, pp. 4–27.
- Kidd, C. and Kenrick, J. (2011). Mapping everyday practices as rights of resistance: indigenous peoples in central Africa. In *The Politics of Indigeneity: Dialogues and Reflections on Indigenous Activism*, ed. S. Venkateswar and E. Hughes. London, UK: Zed Books.
- Kigula, J. (2015). *Participatory forest management: Tanzania's experience*. Presented at: Colloquium between Forest Dwellers and the Kenya Forestry Service, March 5, 2015, Eldoret.
- Kikawasi, G.J. (2012). Causes and effects of delays and disruptions in construction projects in Tanzania, 2012. *Australasian Journal of Construction Economics and Building, Conference Series*, **1**, 52–9.
- Killeen, T.J. (2007). *A Perfect Storm in the Amazon Wilderness: Development and Conservation in the Context of the Initiative for the Integration of the Regional Infrastructure of South America (IIRSA)*. Washington DC: Conservation International.
- Kindlmann, P. and Burel, F. (2008). Connectivity measures: a review. *Landscape Ecology*, **23**, 879–90. DOI: 10.1007/s10980-008-9245-4.
- King, T., Chamberlan, C. and Courage, A. (2012). Assessing initial reintroduction success in long-lived primates by quantifying survival, reproduction and dispersal parameters: western lowland gorillas (*Gorilla gorilla gorilla*) in Congo and Gabon. *International Journal of Primatology*, **33**, 134–49. DOI: 10.1007/s10764-011-9563-2.
- Kis-Katos, K. and Suharnoko Sjahrir, B. (2014). *The Impact of Fiscal and Political Decentralization on Local Public Investments in Indonesia. Discussion Paper 7884*. Bonn, Germany: Institute for the Study of Labor (IZA).
- Kitzes, J. and Shirley, R. (2016). Estimating biodiversity impacts without field surveys: a case study in northern Borneo. *Ambio*, **45**, 110–9. DOI: 10.1007/s13280-015-0683-3.
- Kleinschroth, F., Gourlet-Fleury, S., Sist, P., Mortier, F. and Healey, J.R. (2015). Legacy of logging roads in the Congo Basin: how persistent are the scars in forest cover? *Ecosphere*, **6**, 1–17. DOI: 10.1890/ES14-00488.1.
- Kleinschroth, F., Healey, J.R., Gourlet-Fleury, S., Mortier, F. and Stoica, R.S. (2017). Effects of logging on roadless space in intact forest landscapes of the Congo Basin. *Conservation Biology*, **31**, 469–80. DOI: 10.1111/cobi.12815.
- Knott, C.D. (1998). Changes in orangutan caloric intake, energy balance, and ketones in response to fluctuating fruit availability. *International Journal of Primatology*, **19**, 1061–79. DOI: 10.1023/a:1020330404983.
- Knott, C.D. (2005). Energetic responses to food availability in the great apes: implications for hominin evolution. In *Seasonality in Primates Studies of Living and Extinct Human and Non-Human Primates*, ed. D. K. Brockman and C. P. Van Schaik. New York, NY: Cambridge University Press, pp. 351–78.
- Knowledge@Wharton (2017). *Where Will China's 'One Belt, One Road' Initiative Lead?* Available at: <http://knowledge.wharton.upenn.edu/article/can-chinas-one-belt-one-road-initiative-match-the-hype/#>. March 22, 2017.
- KNU (2012). *The KNU Press Release on 1st Meeting between KNU Delegation and Union-Level Peace Delegation*. Karen National Union (KNU). Available at: <http://www.knuhq.org/the-knu-press-release-on-1st-meeting-between-knu-delegation-and-union-level-peace-delegation>.
- Köndgen, S., Köhl, H., N'Goran, P.K., et al. (2008). Pandemic human viruses cause decline of endangered great apes. *Current Biology*, **18**, 260–4. DOI: <https://doi.org/10.1016/j.cub.2008.01.012>.

- Kondolf, G.M., Rubin, Z.K. and Minear, J.T. (2014). Dams on the Mekong: cumulative sediment starvation. *Water Resources Research*, **50**, 5158–69. DOI: 10.1002/2013WR014651.
- Kormos, R., Boesch, C., Bakarr, M.I. and Butynski, T.M. (2003). *West African Chimpanzees: Status, Survey and Conservation Action Plan*. Gland, Switzerland: International Union for Conservation of Nature (IUCN) World Conservation Union.
- Kormos, R., Kormos, C.F., Humle, T., *et al.* (2014). Great apes and biodiversity offset projects in Africa: the case for national offset strategies. *PLoS One*, **9**, e111671. DOI: 10.1371/journal.pone.0111671.
- KPMG (2014). *Cameroon Country Mining Guide*. Switzerland: KPMG Global Mining Institute.
- Krief, S., Cibot, M., Bortolamiol, S., *et al.* (2014). Wild chimpanzees on the edge: nocturnal activities in croplands. *PLoS One*, **9**, e109925. DOI: 10.1371/journal.pone.0109925.
- Krief, S., Jamart, A., Mahé, S., *et al.* (2008). Clinical and pathologic manifestation of oesophagostomosis in African great apes: does self-medication in wild apes influence disease progression? *Journal of Medical Primatology*, **37**, 188–95. DOI: 10.1111/j.1600-0684.2008.00285.x.
- Kühl, H. (2008). *Best Practice Guidelines for the Surveys and Monitoring of Great Ape Populations*. No. 36. Gland, Switzerland: International Union for Conservation of Nature (IUCN).
- Kumar, A., Tormod, S., Ahenkorah, A., *et al.* (2011). Hydropower. In *IPCC Special Report on Renewable Energy Sources and Climate Change Mitigation*, ed. O. Edenhofer, R. Pichs-Madruga, Y. Sokona, *et al.* Cambridge, UK and New York, NY: Cambridge University Press, pp. 437–96.
- Kumar, P. (2011). *The Economics of Ecosystems and Biodiversity: Environmental and Economic Foundations*. Oxford, UK: Routledge.
- Kumar, V. and Kumar, V. (2015). Seasonal electrocution fatalities in free-range rhesus macaques (*Macaca mulatta*) of Shivalik hills area in northern India. *Journal of Medical Primatology*, **44**, 137–42. DOI: 10.1111/jmp.12168.
- Kummer, D.M. and Turner, B.L. (1994). The human causes of deforestation in southeast Asia. *BioScience*, **44**, 323–8. DOI: 10.2307/1312382.
- Lambi, C.M., Kimengsi, J.N., Kometa, C.G. and Tata, E.S. (2012). The management and challenges of protected areas and the sustenance of local livelihoods in Cameroon. *Environment and Natural Resources Research*, **2**, 10.
- Lanjouw, A. (2014). Mining/oil extraction and ape populations and habitats. In *State of the Apes: Extractive Industries and Ape Conservation*, ed. Arcus Foundation. Cambridge, UK: Cambridge University Press, pp. 127–62. Available at: <http://www.stateoftheapes.com/themes/industrial-mining-oil-and-gas/>.
- Lao MAF (2011). *Gibbon Conservation Action Plan for Lao PDR*. Vientiane, Lao PDR: Ministry of Agriculture and Forestry of the Lao People's Democratic Republic (MAF) Division of Forest Resource Conservation, Department of Forestry.
- Laporte, N.T., Stabach, J.A., Grosch, R., Lin, T.S. and Goetz, S.J. (2007). Expansion of industrial logging in central Africa. *Science*, **316**, 1451. DOI: 10.1126/science.1141057.
- Lappan, S. (2008). Male care of infants in a siamang (*Symphalangus syndactylus*) population including socially monogamous and polyandrous groups. *Behavioral Ecology and Sociobiology*, **62**, 1307–17. DOI: 10.1007/s00265-008-0559-7.
- LAPSSET (2017). *Coordinated Approach Key to the Success of the LAPSSET Corridor*. Nairobi, Kenya: Lamu Port, South Sudan, Ethiopia Transport Corridor (LAPSSET). Available at: <http://www.lapsset.go.ke/coordinated-approach-key-to-the-success-of-the-lapsset-corridor/>.
- Lasch, C., Pintea, L., Traylor-Holzer, K. and Kamenya, S. (2011). *Tanzania Chimpanzee Conservation Action Planning Workshop Report*. Dar es Salaam, Tanzania: The Jane Goodall Institute.
- Laurance, S.G.W., Stouffer, P.C. and Laurance, W.F. (2004). Effects of road clearings on movement patterns of understory rainforest birds in central Amazonia. *Conservation Biology*, **18**, 1099–109. DOI: 10.1111/j.1523-1739.2004.00268.x.
- Laurance, W.F. (2004). The perils of payoff: corruption as a threat to global biodiversity. *Trends in Ecology & Evolution*, **19**, 399–401. DOI: <https://doi.org/10.1016/j.tree.2004.06.001>.
- Laurance, W.F. (2005). When bigger is better: the need for Amazonian mega-reserves. *Trends in Ecology & Evolution*, **20**, 645–8. DOI: <https://doi.org/10.1016/j.tree.2005.10.009>.

- Laurance, W.F. (2007). Road to ruin. *Himalayan Journal of Sciences*, **4**, 9.
- Laurance, W.F. (2008). Expect the unexpected. *New Scientist*, April 12, 2008.
- Laurance, W.F. (2014). *How Global Forest-Destroyers are Turning Over a New Leaf*. London, UK: The Conversation. Available at: <https://theconversation.com/how-global-forest-destroyers-are-turning-over-a-new-leaf-22943>. February 12, 2014.
- Laurance, W.F. (2016a). *Conservationists Aghast at Scheme to Degrade 'Heart of Biodiversity'*. Alliance of Leading Environmental Researchers and Thinkers (ALERT). Available at: <http://alert-conservation.org/issues-research-highlights/2016/12/30/conservationists-aghast-at-scheme-to-degrade-heart-of-biodiversity>. Accessed January 5, 2017.
- Laurance, W.F. (2016b). Lessons from research for sustainable development and conservation in Borneo. *Forests*, **7**, 314.
- Laurance, W.F. (2016c). *Perils for the Last Place Where Tigers, Orangutans, Elephants and Rhinos Survive*. Alliance of Leading Environmental Researchers and Thinkers (ALERT). Available at: <http://alert-conservation.org/issues-research-highlights/2016/9/28/dangers-loom-for-the-last-place-where-tigers-orangutans-elephants-and-rhinos-survive-in-the-wild>. Accessed September 15, 2016.
- Laurance, W.F., Achard, F., Peedell, S. and Schmitt, S. (2016). Big data, big opportunities. *Frontiers in Ecology and the Environment*, **14**, 347.
- Laurance, W.F. and Balmford, A. (2013). A global map for road building. *Nature*, **495**, 308. DOI: 10.1038/495308a.
- Laurance, W.F., Campbell, M.J., Alamgir, M. and Mahmoud, M.I. (2017a). Road expansion and the fate of Africa's tropical forests. *Frontiers in Ecology and Evolution*, **5**. DOI: 10.3389/fevo.2017.00075.
- Laurance, W.F., Clements, G.R., Sloan, S., *et al.* (2014a). A global strategy for road building. *Nature*, **513**, 229. DOI: 10.1038/nature13717. Available at: <https://www.nature.com/articles/nature13717#supplementary-information>.
- Laurance, W.F., Cochrane, M.A., Bergen, S., *et al.* (2001). The future of the Brazilian Amazon. *Science*, **291**, 438–9. DOI: 10.1126/science.291.5503.438.
- Laurance, W.F., Croes, B.M., Guissouegou, N., *et al.* (2008). Impacts of roads, hunting, and habitat alteration on nocturnal mammals in African rainforests. *Conservation Biology*, **22**, 721–32. DOI: 10.1111/j.1523-1739.2008.00917.x.
- Laurance, W.F., Croes, B.M., Tchignoumba, L., *et al.* (2006). Impacts of roads and hunting on central African rainforest mammals. *Conservation Biology*, **20**, 1251–61. DOI: 10.1111/j.1523-1739.2006.00420.x.
- Laurance, W.F. and Edwards, D.P. (2014). Saving logged tropical forests. *Frontiers in Ecology and the Environment*, **12**, 147.
- Laurance, W.F., Goosem, M. and Laurance, S.G.W. (2009). Impacts of roads and linear clearings on tropical forests. *Trends in Ecology & Evolution*, **24**, 659–69. DOI: <https://doi.org/10.1016/j.tree.2009.06.009>.
- Laurance, W.F., Mahmoud, M.I. and Kleinschroth, F. (2017b). Infrastructure expansion and the fate of Central African forests. In *Central African Forests Forever*, ed. M. Brouwer. Berlin, Germany: Central African Forests Commission (COMIFAC) and German Development Bank (KfW), pp. 88–95.
- Laurance, W.F., Peletier-Jellema, A., Geenen, B., *et al.* (2015a). Reducing the global environmental impacts of rapid infrastructure expansion. *Current Biology*, **25**, R259–R62. DOI: <https://doi.org/10.1016/j.cub.2015.02.050>.
- Laurance, W.F. and Peres, C.A. (2006). *Emerging Threats to Tropical Forests*. Chicago, IL: University of Chicago Press.
- Laurance, W.F., Sayer, J. and Cassman, K.G. (2014b). Agricultural expansion and its impacts on tropical nature. *Trends in Ecology & Evolution*, **29**, 107–16. DOI: <https://doi.org/10.1016/j.tree.2013.12.001>.
- Laurance, W.F., Sloan, S., Weng, L. and Sayer, J.A. (2015b). Estimating the environmental costs of Africa's massive 'development corridors'. *Current Biology*, **25**, 3202–8. DOI: <https://doi.org/10.1016/j.cub.2015.10.046>.
- Laurance, W.F., Useche, D.C., Rendeiro, J., *et al.* (2012). Averting biodiversity collapse in tropical forest protected areas. *Nature*, **489**, 290. DOI: 10.1038/nature11318. Available at: <https://www.nature.com/articles/nature11318#supplementary-information>.
- Lawson, K. and Vines, A. (2014). *Global Impacts of the Illegal Wildlife Trade: The Costs of Crime, Insecurity and Institutional Erosion*. London, UK: Chatham House (The Royal Institute of International Affairs).
- Lawson, S. (2014). *Consumer Goods and Deforestation: An Analysis of the Extent and Nature of Illegality in Forest Conversion for Agriculture and Timber Plantations [Forest Trends Report Series]*. Forest Trends and DFID. Available at: http://www.forest-trends.org/documents/files/doc_4718.pdf. Accessed November 15, 2016.

- Le Saout, S., Hoffmann, M., Shi, Y., *et al.* (2013). Protected areas and effective biodiversity conservation. *Science*, **342**, 803–5. DOI: 10.1126/science.1239268.
- Ledec, G.C. and Johnson, S.D.R. (2016). *Biodiversity Offsets: A User Guide*. Washington DC: World Bank. Available at: <http://documents.worldbank.org/curated/en/344901481176051661/Biodiversity-offsets-a-user-guide>.
- Lee, T., Jalong, T. and Wong, M.C. (2014). *No Consent to Proceed: Indigenous Peoples' Rights Violations at the Proposed Baram Dam in Sarawak*. Fact finding mission report. Sarawak, Malaysia: Save Sarawak Rivers Network. Available at: <http://www.forestpeoples.org/sites/fpp/files/publication/2014/08/noconsenttoproceedbaramreport2014-1.pdf>. Accessed November 15, 2016.
- Leendertz, F.H., Lankester, F., Guislain, P., *et al.* (2006). Anthrax in western and central African great apes. *American Journal of Primatology*, **68**, 928–33. DOI: 10.1002/ajp.20298.
- Lehner, B., Liermann, C.R., Revenga, C., *et al.* (2011). High-resolution mapping of the world's reservoirs and dams for sustainable river-flow management. *Frontiers in Ecology and the Environment*, **9**, 494–502. DOI: 10.1890/100125.
- Leighton, D.S.R. (1987). Gibbons: territoriality and monogamy. In *Primate Societies*, ed. B. B. Smuts, D. L. Cheyney, R. M. Seyfarth, R. W. Wrangham and T. T. Struhsaker. Chicago IL: University of Chicago Press.
- Leighty, K.A., Valuska, A.J., Grand, A.P., *et al.* (2015). Impact of visual context on public perceptions of non-human primate performers. *PLoS One*, **10**, e0118487. DOI: 10.1371/journal.pone.0118487.
- Lejon, A., Malm Renöfält, B. and Nilsson, C. (2009). Conflicts associated with dam removal in Sweden. *Ecology and Society*, **14**, 4–22.
- Leroy, E.M., Rouquet, P., Formenty, P., *et al.* (2004). Multiple Ebola virus transmission events and rapid decline of central African wildlife. *Science*, **303**, 387–90. DOI: 10.1126/science.1092528.
- Liden, R. and Lyon, K. (2014). *The Hydropower Sustainability Assessment Protocol for Use by World Bank Clients: Lessons Learned and Recommendations*. Water Papers 89147. World Bank, Water Partnership Program. Available at: <http://documents.worldbank.org/curated/en/870411468336660190/pdf/891470REVISED00Box0385238B00PUBLIC0.pdf>.
- Lima, I.B.T., Ramos, F.M., Bambace, L.A.W. and Rosa, R.R. (2008). Methane emissions from large dams as renewable energy resources: a developing nation perspective. *Mitigation and Adaptation Strategies for Global Change*, **13**, 193–206. DOI: 10.1007/s11027-007-9086-5.
- Liu, D.S., Iverson, L.R. and Brown, S. (1993). Rates and patterns of deforestation in the Philippines: application of geographic information system analysis. *Forest Ecology and Management*, **57**, 1–16. DOI: [https://doi.org/10.1016/0378-1127\(93\)90158-J](https://doi.org/10.1016/0378-1127(93)90158-J).
- Liu, L. (2003). *Study on Infrastructure and Its Contributions to Economic Growth*. Report 76. Nanchang, PRC: Jiangxi University of Finance and Economics.
- Live Science (2011). *Gorilla Stronghold Found, Apes Still In Danger*. Available at: <http://www.livescience.com/13436-cameroon-gorilla-count.html>. Accessed March 28, 2011.
- Loken, B., Boer, C. and Kasyanto, N. (2015). Opportunistic behaviour or desperate measure? Logging impacts may only partially explain terrestriality in the Bornean orang-utan *Pongo pygmaeus morio*. *Oryx*, **49**, 461–4. DOI: 10.1017/S0030605314000969.
- Loken, B., Spehar, S. and Rayadin, Y. (2013). Terrestriality in the Bornean orangutan (*Pongo pygmaeus morio*) and implications for their ecology and conservation. *American Journal of Primatology*, **75**, 1129–38. DOI: 10.1002/ajp.22174.
- Lokschin, L.X., Rodrigo, C.P., Hallal Cabral, J.N. and Buss, G. (2007). Power lines and howler monkey conservation in Porto Alegre, Rio Grande do Sul, Brazil. *Neotropical Primates*, **14**, 76–80. DOI: 10.1896/044.014.0206.
- LRA Crisis Tracker (2016). *The State of the LRA in 2016*. Gland, Switzerland: Invisible Children and The Resolve LRA Crisis Initiative. Available at: <https://reports.lracrisistracker.com/pdf/2016-The-State-of-the-LRA.pdf>. March, 2016.
- Lu, Y. and Tianxiao, Z. (2012). *The Conservation Action Plan of Western Black Crested Gibbon in Yunnan Province (2012–2015)*. Western Black Crested Gibbon Conservation Network.
- MAAP (2016). *MAAP #40: Early Warning Deforestation Alerts in the Peruvian Amazon*. Monitoring of the Andean Amazon Project (MAAP). Available at: <http://maaproject.org/2016/gladaalerts/>.

- MAAP (n.d.). *Methodology*. Monitoring of the Andean Amazon Project (MAAP). Available at: <http://maaproject.org/methodology>. Accessed February–March, 2017.
- MacArthur, R.H. and Wilson, E.O. (1967). *The Theory of Island Biogeography*. Princeton, NJ: Princeton University Press.
- Macfie, E.J. and Williamson, E.A. (2010). *Best Practice Guidelines for Great Ape Tourism*. Gland, Switzerland: International Union for Conservation of Nature Species Survival Commission (IUCN SSC), Primate Specialist Group.
- MacKay, F. (2017). *Indigenous Peoples' Rights and Conservation: Recent Developments in Human Rights Jurisprudence*. Moreton-in-Marsh, UK: Forest Peoples Programme. Available at: <http://www.forestpeoples.org/en/rights-based-conservation/news-article/2017/indigenous-peoples-rights-and-conservation-recent>.
- Mackinnon, J. (1974). The behaviour and ecology of wild orang-utans (*Pongo pygmaeus*). *Animal Behaviour*, **22**, 3–74. DOI: [https://doi.org/10.1016/S0003-3472\(74\)80054-0](https://doi.org/10.1016/S0003-3472(74)80054-0).
- Magilligan, F., Graber, B., Nislow, K., et al. (2016). River restoration by dam removal: enhancing connectivity at watershed scales. *Elementa: Science of the Anthropocene*, **4**, 1–14.
- Maiorano, L., Falcucci, A. and Boitani, L. (2008). Size-dependent resistance of protected areas to land-use change. *Proceedings of the Royal Society B: Biological Sciences*, **275**, 1297–304. DOI: [10.1098/rspb.2007.1756](https://doi.org/10.1098/rspb.2007.1756).
- Maisels, F., Bergl, R.A. and Williamson, E.A. (2016a). Gorilla gorilla (errata version published in 2016). *The IUCN Red List of Threatened Species 2016: e.T9404A102330408*. Gland, Switzerland: International Union for Conservation of Nature (IUCN). Available at: <http://www.iucnredlist.org/details/9404/o>.
- Maisels, F., Strindberg, S., Blake, S., et al. (2013). Devastating decline of forest elephants in central Africa. *PLoS One*, **8**, e59469. DOI: [10.1371/journal.pone.0059469](https://doi.org/10.1371/journal.pone.0059469).
- Maisels, F., Strindberg, S., Breuer, T., et al. (2016b). Gorilla gorilla ssp. gorilla. *The IUCN Red List of Threatened Species 2016: e.T9406A102328866*. Gland, Switzerland: International Union for Conservation of Nature (IUCN). Available at: <http://www.iucnredlist.org/details/9406/o>.
- Maldonado, O., Aveling, C., Cox, D., et al. (2012). *Grauer's Gorillas and Chimpanzees in Eastern Democratic Republic of Congo (Kahuzi-Biega, Maiko, Tayna and Itombwe Landscape): Conservation Action Plan 2012–2022*. Gland, Switzerland: International Union for Conservation of Nature (IUCN).
- Maldonado, O. and Fourrier, M. (2015). *Conservation Action Plan for Great Apes in Eastern Democratic Republic of the Congo — Revised version – March–July 2015*. Jane Goodall Institute, Ministry of Environment, Nature Conservation & Tourism and the ICCN.
- Mandle, L., Bryant, B.P., Ruckelshaus, M., et al. (2016a). Entry points to considering ecosystem services within infrastructure planning: How to integrate conservation with development in order to aid them both. *Conservation Letters*, **9**, 221–7. DOI: [10.1111/conl.12201](https://doi.org/10.1111/conl.12201).
- Mandle, L., Wolny, S., Hamel, P., et al. (2016b). *Natural Connections: How Natural Capital Supports Myanmar's People and Economy*. Washington DC: World Wide Fund for Nature (WWF).
- Mansoor, W.R. and Idral, A. (2015). *Geothermal resources development in Indonesia: a history*. Presented at: World Geothermal Congress 2015, April 19–25, Melbourne, Australia.
- March, J.G., Benstead, J.P., Pringle, C.M. and Scatena, F.N. (2003). Damming tropical island streams: problems, solutions, and alternatives. *BioScience*, **53**, 1069–78. DOI: [10.1641/0006-3568\(2003\)053\[1069:DTISPS\]2.0.CO;2](https://doi.org/10.1641/0006-3568(2003)053[1069:DTISPS]2.0.CO;2).
- Maron, M., Hobbs, R.J., Moilanen, A., et al. (2012). Faustian bargains? Restoration realities in the context of biodiversity offset policies. *Biological Conservation*, **155**, 141–8. DOI: <https://doi.org/10.1016/j.biocon.2012.06.003>.
- Marshall, A.J., Ancrenaz, M., Brearley, F.Q., et al. (2009). The effects of forest phenology and floristics on populations of Bornean and Sumatran orangutans. In *Orangutans: Geographic Variation in Behavioral Ecology and Conservation*, ed. S. A. Wich, S. Utami Atmoko, T. Mitra Setia and C. P. Van Schaik. Oxford, UK: Oxford University Press, pp. 97–117.
- Marshall, A.J. and Leighton, M. (2006). How does food availability limit the population density of white-bearded gibbons? In *Feeding Ecology of the Apes*, ed. G. Hohmann, M. Robbins and C. Boesch. Cambridge, UK: Cambridge University Press, pp. 313–35.
- Marshall, A.J., Nardiyono, Engström, L.M., et al. (2006). The blowgun is mightier than the chainsaw in determining population density of Bornean orangutans (*Pongo pygmaeus morio*) in the forests of East Kalimantan. *Biological Conservation*, **129**, 566–78. DOI: <https://doi.org/10.1016/j.biocon.2005.11.025>.

- Martinez-Alier, J. (2002). *The Environmentalism of the Poor*. Cheltenham, UK: Edward Elgar.
- Martini, M. (2013). Wildlife crime and corruption: in which way does corruption exacerbate the problem of poaching and illegal wildlife trade in southern Africa and how can anti-corruption contribute to the fight against it? *U4 Expert Answer*, 367, February 15, 2013. U4 Anti-Corruption Resource Centre. Available at: https://www.transparency.org/files/content/corruptionqas/367_Wildlife_Crimes_and_Corruption.pdf.
- Mascia, M.B. and Pailler, S. (2011). Protected area downgrading, downsizing, and degazettement (PADDD) and its conservation implications. *Conservation Letters*, 4, 9–20. DOI: 10.1111/j.1755-263X.2010.00147.x.
- Masi, S., Cipolletta, C. and Robbins, M.M. (2009). Western lowland gorillas (*Gorilla gorilla gorilla*) change their activity patterns in response to frugivory. *American Journal of Primatology*, 71, 91–100. DOI: 10.1002/ajp.20629.
- Masi, S., Mundry, R., Ortmann, S., et al. (2015). The influence of seasonal frugivory on nutrient and energy intake in wild western gorillas. *PLoS One*, 10, e0129254. DOI: 10.1371/journal.pone.0129254.
- Mason, M. (1999). *Environmental Democracy: A Contextual Approach*. London, UK: Earthscan Publications.
- Matsuzawa T, H.T., Sugiyama Y. (2011). *The Chimpanzees of Bossou and Nimba*. Tokyo, Japan: Springer.
- Max Planck Institute (n.d.-a). *A.P.E.S. Database*. Available at: <http://apesportal.eva.mpg.de/database/archiveTable>. Accessed October, 2017.
- Max Planck Institute (n.d.-b). *A.P.E.S. Portal Dashboard*. Munich, Germany: Max Planck Institute. Available at: <http://mapper.eva.mpg.de/status/tools/dashboard>.
- Mbodiam, B. (2010). *Mines: Une Nouvelle Société à l'Assaut de l'Or à Bétaré Oya*. Cameroonvoice.com. Available at: <http://www.cameroonvoice.com/news/article-news-1954.html>.
- Mbodiam, B.R. (2016). Cameroon: onslaught of more than 6000 fishermen on fish-filled waters of Lom Pangar Dam. *Business in Cameroon*, June 21, 2016. Available at: www.businessincameroon.com/fish/2106-6317-cameroon-onslaught-of-more-than-6000-fishermen-on-fish-filled-waters-of-lom-pangar-dam.
- McCarthy, J.F. (2000). 'Wild Logging': The Rise and Fall of Logging Networks and Biodiversity Conservation Projects on Sumatra's Rainforest Frontier. Bogor, Indonesia: Center for International Forestry Research (CIFOR).
- McCarthy, J.F. (2002). Power and interest on Sumatra's rainforest frontier: clientelist coalitions, illegal logging and conservation in the Alas Valley. *Journal of Southeast Asian Studies*, 33, 77–106. DOI: 10.1017/S0022463402000048.
- McCarthy, N. (2017). Solar employs more people in US electricity generation than oil, coal and gas combined. *Forbes Magazine Online*, January 25, 2017. Available at: <https://www.forbes.com/sites/niallmccarthy/2017/01/25/u-s-solar-energy-employs-more-people-than-oil-coal-and-gas-combined-infographic/#47ac39f28000>.
- McConkey, K.R. (2000). Primary seed shadow generated by gibbons in the rain forests of Barito Ulu, central Borneo. *American Journal of Primatology*, 52, 13–29. DOI: 10.1002/1098-2345(200009)52:1<13::AID-AJP2>3.0.CO;2-Y.
- McConkey, K.R. (2005). The influence of gibbon primary seed shadows on post-dispersal seed fate in a lowland dipterocarp forest in central Borneo. *Journal of Tropical Ecology*, 21, 255–62.
- McConkey, K.R. and Chivers, D.J. (2007). Influence of gibbon ranging patterns on seed dispersal distance and deposition site in a Bornean forest. *Journal of Tropical Ecology*, 23, 269–75. DOI: 10.1017/S0266467407003999.
- McDavitt, B. (2016). *Ladders and Licenses: Fish Passages Play Role in Relicensing Hydroelectric Facilities*. Gloucester, MA: NOAA Fisheries. Available at: https://www.greateratlantic.fisheries.noaa.gov/stories/2015/october/27_ladders_and_licenses_fish_passages_play_role_in_relicensing_hydroelectric_facilities.html?utm_source=Hydropower+Habitat+Story&utm_campaign=Hydropower&utm_medium=email. Accessed October 7, 2016.
- McGrew, W.C., Baldwin, P.J. and Tutin, C.E.G. (1981). Chimpanzees in a hot, dry and open habitat: Mt Assirik, Senegal, west Africa. *Journal of Human Evolution*, 10, 227–44. DOI: [https://doi.org/10.1016/S0047-2484\(81\)80061-9](https://doi.org/10.1016/S0047-2484(81)80061-9).
- McKenzie, E., Rosenthal, A., et al. (2012). *Developing Scenarios to Assess Ecosystem Service Tradeoffs: Guidance and Case Studies for InVEST Users*. Washington DC: World Wide Fund for Nature (WWF).
- McLennan, M.R. (2008). Beleaguered chimpanzees in the agricultural district of Hoima, western Uganda. *Primate Conservation*, 23, 45–54.
- McLennan, M.R. and Asiimwe, C. (2016). Cars kill chimpanzees: case report of a wild chimpanzee killed on a road at Bulindi, Uganda. *Primates*, 57, 377–88. DOI: 10.1007/s10329-016-0528-0.

- McLennan, M.R. and Ganzhorn, J.U. (2017). Nutritional characteristics of wild and cultivated foods for chimpanzees (*Pan troglodytes*) in agricultural landscapes. *International Journal of Primatology*, **38**, 122–50. DOI: 10.1007/s10764-016-9940-y.
- McLennan, M.R. and Hill, C.M. (2012). Troublesome neighbours: changing attitudes towards chimpanzees (*Pan troglodytes*) in a human-dominated landscape in Uganda. *Journal for Nature Conservation*, **20**, 219–27. DOI: <https://doi.org/10.1016/j.jnc.2012.03.002>.
- McLennan, M.R. and Hockings, K.J. (2016). The aggressive apes? Causes and contexts of great ape attacks on local persons. In *Problematic Wildlife: A Cross-Disciplinary Approach*, ed. F.M. Angelici. Cham, Switzerland: Springer, pp. 373–94. DOI: 10.1007/978-3-319-22246-2_18. Available at: https://doi.org/10.1007/978-3-319-22246-2_18.
- McRae, B.H., Dickson, B.G., Keitt, T.H. and Shah, V.B. (2008). Using circuit theory to model connectivity in ecology, evolution, and conservation. *Ecology*, **89**, 2712–24. DOI: 10.1890/07-1861.1.
- MCRB (2016). *Environmental Impact Assessment Procedures*. Yangon, Myanmar: Myanmar Centre for Responsible Business (MCRB). Available at: <http://www.myanmar-responsiblebusiness.org/resources/environmental-impact-assessment-procedures.html>.
- McSweeney, K., Nielsen, E.A., Taylor, M.J., *et al.* (2014). Drug policy as conservation policy: narco-deforestation. *Science*, **343**, 489–90. DOI: 10.1126/science.1244082.
- MEA (2005). *Ecosystems and Human Well-Being: Synthesis*. Washington DC: Island Press. Millennium Ecosystem Assessment (MEA).
- Meehan, D. (2013). *The Mbalam–Nabebe Iron Ore Project: Developing Central Africa’s Iron Ore Region*. Presentation by Sundance Resources Ltd. Presented at Cameroon Mining Forum (CIMEC) 2013. Available at: <https://cameroonminingopportunities.files.wordpress.com/2013/12/presentation-acc80-cimec-d-meehan-presentation-cameroon-mining-forum-2013.pdf>.
- Megevand, C. (2013). *Deforestation Trends in the Congo Basin: Reconciling Economic Growth and Forest Protection*. Washington DC: World Bank.
- Meijaard, E., Abram, N.K., Wells, J.A., *et al.* (2013). People’s perceptions about the importance of forests on Borneo. *PLoS One*, **8**, e73008. DOI: 10.1371/journal.pone.0073008.
- Meijaard, E., Albar, G., Nardiyono, *et al.* (2010a). Unexpected ecological resilience in Bornean orangutans and implications for pulp and paper plantation management. *PLoS One*, **5**, e12813. DOI: 10.1371/journal.pone.0012813.
- Meijaard, E., Buchori, D., Hadiprakarsa, Y., *et al.* (2011). Quantifying killing of orangutans and human-orangutan conflict in Kalimantan, Indonesia. *PLoS One*, **6**, e27491. DOI: 10.1371/journal.pone.0027491.
- Meijaard, E., Welsh, A., Ancrenaz, M., *et al.* (2010b). Declining orangutan encounter rates from Wallace to the present suggest the species was once more abundant. *PLoS One*, **5**, e12042. DOI: 10.1371/journal.pone.0012042.
- Meijaard, E. and Wich, S. (2014). *Extractive Industries and Orangutans. Occasional Paper for State of the Apes, Volume 1*. Cambridge, UK: Arcus Foundation. Available at: <https://www.stateoftheapes.com/wp-content/uploads/2014/07/Extractive-Industries-and-Orangutans1.pdf>.
- METI (2015). *Infrastructure System Export Promotion Survey, 2014 Fiscal Year: Infrastructure and Mining* [in Japanese]. Tokyo, Japan: Ministry of Economy, Trade and Industry (METI).
- Milman, O. (2016). Mass chimpanzee transfer begins in effort to protect endangered species. *The Guardian*, September 9, 2016. Available at: <https://www.theguardian.com/world/2016/sep/09/georgia-chimpanzees-sanctuary-project-chimps-transfer>. Accessed October 2, 2016.
- MINFOF (2015). *Annual Report of the Deng Deng National Park*. Yaoundé, Cameroon: Ministère des Forêts et de la Faune (MINFOF).
- Mining Review Africa (2016). *Sundance Resources Secures New Funding for Mbalam Nabebe Development*. Rondebosch, South Africa: Mining Review Africa. Available at: <https://www.miningreview.com/news/sundance-resources-funding-for-mbalam-nabebe-development/>. Accessed November 25, 2016.
- Mitani, J.C. (2009). Male chimpanzees form enduring and equitable social bonds. *Animal Behaviour*, **77**, 633–40. DOI: <https://doi.org/10.1016/j.anbehav.2008.11.021>.
- Mitani, J.C., Watts, D.P. and Amsler, S.J. (2010). Lethal intergroup aggression leads to territorial expansion in wild chimpanzees. *Current Biology*, **20**, R507–8. DOI: <https://doi.org/10.1016/j.cub.2010.04.021>.

- Mitchard, E. (2012). Are Cameroon's forests doomed? *Deforestationwatch*, October 23, 2012. Available at: <http://deforestationwatch.wordpress.com/2012/10/23/are-camerouns-forests-doomed>.
- Mitchell, M.W., Locatelli, S., Sesink Cle, P.R., Thomassen, H.A. and Gonder, M.K. (2015). Environmental variation and rivers govern the structure of chimpanzee genetic diversity in a biodiversity hotspot. *BMC Evolutionary Biology*, **15**, 1. DOI: 10.1186/s12862-014-0274-0.
- Mittermeier, R.A., Rylands, A.B. and Wilson, D.E., ed. (2013). *Handbook of the Mammals of the World. Volume 3: Primates*. Barcelona, Spain: Lynx Edicions.
- MLUD (2016). *Public Notice: Notice of Revocation of Rights of Occupancy for Public Purpose Land Use Act 1978. January 22*. Calabar, Nigeria: Ministry of Lands and Urban Development (MLUD), Government of Cross River State of Nigeria.
- MME (n.d.). *Mission and Values*. Littoral, Cameroun: Mississauga Mining & Exploration (MME). Available at: <http://mississaugamining.com/mission-and-values/>. Accessed December, 2017.
- MNRT (2012). *Participatory Forest Management in Tanzania, Facts and Figures*. Dar es Salaam, Tanzania: Ministry of Natural Resources and Tourism of Tanzania (MNRT).
- MoC (2007). *Notice on the Release of 'A Guide for Chinese Enterprises on Sustainable Silviculture Overseas' by Ministry of Commerce and State Forestry Administration*. Beijing, PRC: Ministry of Commerce (MoC) of the People's Republic of China. Available at: <http://www.mofcom.gov.cn/aarticle/b/g/200712/20071205265858.html>.
- MoC (2014). *Statistical Bulletin of China's Outward Foreign Direct Investment*. Beijing, PRC: Ministry of Commerce (MoC) of the People's Republic of China, China Statistics Press.
- MoC (2016a). *Officials Talk about China's Overseas Investment and Cooperation in 2015*. Beijing, PRC: Ministry of Commerce (MoC) of the People's Republic of China. Available at: <http://www.mofcom.gov.cn/article/ae/ai/201601/20160101235603.shtml>.
- MoC (2016b). *Statistical Bulletin of China's Outward Foreign Direct Investment*. Beijing, PRC: Ministry of Commerce (MoC) of the People's Republic of China, China Statistics Press.
- MoC (2016c). *Statistical Bulletin of China's Outward Foreign Direct Investment*. [in Chinese]. Beijing, PRC: Ministry of Commerce (MoC) of the People's Republic of China, China Statistics Press.
- Modus Aceh (2016). *Kenapa harus ngotot proyek PT Hitay Panas Energy di Lapangan Kafi*. Banda Aceh, Indonesia: Modus Aceh. Available at: <http://www.modusaceh.co/news/kenapa-harus-ngotot-proyek-pt-hitay-panas-energy-di-lapangan-kafi/index.html>.
- Moehrenschlager, A., Shier, D.M., Moorhouse, T.P. and Stanley Price, M.R. (2013). Righting past wrongs and ensuring the future: challenges and opportunities for effective reintroductions amidst a biodiversity crisis. In *Key Topics in Conservation Biology 2*, ed. D. W. MacDonald and K. Willis. John Wiley & Sons, pp. 405–29. DOI: 10.1002/9781118520178.ch22. Available at: <http://dx.doi.org/10.1002/9781118520178.ch22>.
- Molina, S., Cerdas Vegas, G., Jarrin Hidalgo, S., Torres, V. and Rivasplata Cabrera, F. (2015). *De IIRSA a COSIPLAN, Cambios y Continuidades*. Boletín No. 2. La Paz, Bolivia: Centro de Estudios para el Desarrollo Laboral y Agrario (CEDLA).
- Molur, S., Walker, S., Islam, A., et al., ed. (2005). *Conservation of Western Hoolock Gibbon (Hoolock hoolock hoolock) in India and Bangladesh*. Coimbatore, India: Zoo Outreach Organisation/CBSG-South Asia.
- Mongabay (2016a). Controversial dam officially cancelled in Borneo after Indigenous protests. *Mongabay*, March, 2016. Available at: <https://news.mongabay.com/2016/03/controversial-dam-officially-canceled-in-borneo-after-indigenous-protests/>. Accessed September 14, 2017.
- Mongabay (2016b). Palm oil giant defends its deforestation in Gabon, points to country's 'right to develop'. *Mongabay*, December, 2016. Available at: <https://news.mongabay.com/2016/12/palm-oil-giant-defends-its-deforestation-in-gabon-points-to-countrys-right-to-develop/>.
- MONUSCO (2015). *North Kivu*. Kinshasa, RDC: Mission de l'Organisation des Nations Unies pour la Stabilisation en République démocratique du Congo (MONUSCO). Available at: https://monusco.unmissions.org/sites/default/files/north_kivu.factsheet.eng_.pdf.
- Moore, P., Prompinchompoo, C. and Beastall, C.A. (2016). *CITES Implementation in Thailand: A Review of the Legal Regime Governing the Trade in Great Apes and Gibbons and Other CITES-Listed Species*. Selangor, Malaysia: TRAFFIC.
- Moorthy, E. (1997). With the Karen on the Thai border. *Wall Street Journal*.

- Morgan, B., Adeleke, A., Bassey, T., *et al.* (2011). *Regional Action Plan for the Conservation of the Nigeria-Cameroon Chimpanzee* (*Pan troglodytes ellioti*). New York, NY: International Union for Conservation of Nature Species Survival Commission (IUCN SSC), Primate Specialist Group and Zoological Society of San Diego, CA. Available at: <http://static1.1.sqspcdn.com/static/f/1200343/20456353/1348922758247/NCCAP.pdf?token=whcKSiao%2F%2BabiK74%2BLfCDsBQPMc%3D>.
- Morgan, D. and Sanz, C. (2006). Chimpanzee feeding ecology and comparisons with sympatric gorillas in the Goulougo Triangle, Republic of Congo. In *Primates: Feeding Ecology in Apes and Other Primates: Ecological, Physiological, and Behavioural Aspects*, ed. G. Hohmann, M. M. Robbins and C. Boesch. Cambridge Studies in Biological and Evolutionary Anthropology, **48** Cambridge, UK: Cambridge University Press, pp. 97–122.
- Morgan, D. and Sanz, C. (2007). *Best Practice Guidelines for Reducing the Impact of Commercial Logging on Great Apes in Western Equatorial Africa*. Gland, Switzerland: International Union for Conservation of Nature Species Survival Commission (IUCN SSC), Primate Specialist Group.
- Morgan, D., Sanz, C., Onononga, J.R. and Strindberg, S. (2006). Ape abundance and habitat use in the Goulougo Triangle, Republic of Congo. *International Journal of Primatology*, **27**, 147–79. DOI: 10.1007/s10764-005-9013-0.
- Morrogh-Bernard, H., Husson, S., Page, S.E. and Rieley, J.O. (2003). Population status of the Bornean orang-utan (*Pongo pygmaeus*) in the Sebangau peat swamp forest, Central Kalimantan, Indonesia. *Biological Conservation*, **110**, 141–52. DOI: [https://doi.org/10.1016/S0006-3207\(02\)00186-6](https://doi.org/10.1016/S0006-3207(02)00186-6).
- Mosse, D. (2005). *Cultivating Development: An Ethnography of Aid Policy and Practice*. London, UK: Pluto Press.
- Moutinho Sá, R.M., Ferreira da Silva, M., Sousa, F.M. and Minhós, T. (2012). The trade and ethnobiological use of chimpanzee body parts in Guinea-Bissau. *TRAFFIC Bulletin*, **24**, 31–4.
- Moyer, D., Plumptre, A.J., Pintea, L., *et al.* (2006). *Surveys of Chimpanzees and Other Biodiversity in Western Tanzania*. Arlington, VA: United States Fish and Wildlife Service (USFWS).
- Muehlenbein, M.P. and Ancrenaz, M. (2009). Minimizing pathogen transmission at primate ecotourism destinations: the need for input from travel medicine. *Journal of Travel Medicine*, **16**, 229–32. DOI: 10.1111/j.1708-8305.2009.00346.x.
- Mueller, N.D., Gerber, J.S., Johnston, M., *et al.* (2012). Closing yield gaps through nutrient and water management. *Nature*, **490**, 254. DOI: 10.1038/nature11420. Available at: <https://www.nature.com/articles/nature11420#supplementary-information>.
- Mulavwa, M.N., Yangozene, K., Yamba-Yamba, M., *et al.* (2010). Nest groups of wild bonobos at Wamba: selection of vegetation and tree species and relationships between nest group size and party size. *American Journal of Primatology*, **72**, 575–86. DOI: 10.1002/ajp.20810.
- Murai, M., Ruffler, H., Berlemont, A., *et al.* (2013). Priority areas for large mammal conservation in Equatorial Guinea. *PLoS One*, **8**, e75024. DOI: 10.1371/journal.pone.0075024.
- Myers, N. (1998). Lifting the veil on perverse subsidies. *Nature*, **392**, 327. DOI: 10.1038/32761.
- Myers, N., Mittermeier, R.A., Mittermeier, C.G., da Fonseca, G.A.B. and Kent, J. (2000). Biodiversity hotspots for conservation priorities. *Nature*, **403**, 853. DOI: 10.1038/35002501. Available at: <https://www.nature.com/articles/35002501#supplementary-information>.
- Nater, A., Mattle-Greminger, M.P., Nurcahyo, A., *et al.* (2017). Morphometric, behavioral, and genomic evidence for a new orangutan species. *Current Biology*, **27**, 3487–98. DOI: 10.1016/j.cub.2017.09.047.
- Natural Capital Coalition (2016). *Natural Capital Protocol*. Natural Capital Coalition. Available at: <http://naturalcapitalcoalition.org/protocol/>.
- Natural Capital Coalition (n.d.). *Natural Capital Coalition*. Natural Capital Coalition. Available at: <http://naturalcapitalcoalition.org/>.
- Naughton-Treves, L. (1997). Farming the forest edge: vulnerable places and people around Kibale National Park, Uganda. *Geographical Review*, **87**, 27–46. DOI: 10.1111/j.1931-0846.1997.tb00058.x.
- NBS (n.d.). *China's National Statistics*. Beijing, PRC: National Bureau of Statistics of China (NBS). Available at: <http://data.stats.gov.cn/index.htm>. Accessed July 6, 2017.
- NCFA (n.d.). *Natural Capital Finance Alliance*. Natural Capital Finance Alliance (NCFA). Available at: <http://www.naturalcapitaldeclaration.org>.

- Ndobe, S.N. and Klemm, J. (2014). *The Lom Pangar Hydropower Dam Project. Evaluating the Project's Impacts within the Framework of the World Bank Safeguard Policies. Lessons for the World Bank Safeguards Review*. March. Synchronicity Earth.
- Ndobe, S.N. and Mantzel, K. (2014). *Deforestation, REDD and Takamanda National Park in Cameroon: A Case Study*. Forest Peoples Programme (FPP) and Umverteilen.
- Nellemann, C. and Newton, A. (2002). *The Great Apes, The Road Ahead: A GLOBIO Perspective on the Impacts of Infrastructure Development on the Great Apes*. United Nations Environment Programme (UNEP), GRID-Arendal, World Conservation Monitoring Centre. Available at: <http://www.globio.info/downloads/249/Great+Apes+-+The+Road+Ahead.pdf>.
- Nelson, A. (2008). *Travel Time to Major Cities: A Global Map of Accessibility*. Luxembourg, Luxembourg: Publications Office of the European Union. DOI: 10.2788/95835.
- Nelson, A. and Chomitz, K.M. (2011). Effectiveness of strict vs. multiple use protected areas in reducing tropical forest fires: a global analysis using matching methods. *PLoS One*, **6**, e22722. DOI: 10.1371/journal.pone.0022722.
- Nelson, J. (2007). *Securing Indigenous Land Rights in the Cameroon Oil Pipeline Zone*. Moreton-in-Marsh, UK: Forest Peoples Programme. Available at: http://www.forestpeoples.org/sites/fpp/files/publication/2010/08/cameroon_pipelinejulo7lowreseng.pdf.
- Nelson, J., Kenrick J. and Jackson, D. (2001). *Report on a Consultation with Bagyeli Pygmy Communities Impacted by the Chad-Cameroon Oil-Pipeline Project*. Moreton-in-Marsh, UK: Forest Peoples Programme. Available at: <http://www.forestpeoples.org/sites/fpp/files/publication/2010/07/ccpbagyeliconsultmay01eng.pdf>.
- NEPAD (n.d.). *New Partnership for Africa's Development*. Midrand, South Africa: New Partnership for Africa's Development (NEPAD). Available at: <http://www.nepad.org/>. Accessed January 20, 2017.
- Ngano, G. (2010). Three nations, one conservation complex. *ITTO Tropical Forest Update*, **20**, 11–3.
- Ngoprasert, D., Lynam, A.J. and Gale, G.A. (2017). Effects of temporary closure of a national park on leopard movement and behaviour in tropical Asia. *Mammalian Biology*, **82**, 65–73. DOI: <https://doi.org/10.1016/j.mambio.2016.11.004>.
- Nguiffo, S. (2016). *La cartographie participative et le droit des espaces et des ressources au Cameroun*. Presented at: RRI Land Tenure Facility workshop, February 29, 2016, Yaoundé, Cameroon.
- Nguiffo, S. and Djeukam, R. (2008). Using the law as a tool to secure the land rights of indigenous communities in southern Cameroon. In *Legal Empowerment in Practice: Using Legal Tools to Secure Land Rights in Africa*, ed. L. Cotula and P. Mathieu. London, UK: International Institute for Environment and Development (IIED), pp. 29–44. Available at: <http://pubs.iied.org/pdfs/12552IIED.pdf>.
- Nguiffo, S., Kenfack, P.E., Mballa, N. (2009). *Historical and Contemporary Land Laws and their Impact on Indigenous Peoples' Land Rights in Cameroon*. Report No. 2. *Land Rights and the Forest Peoples of Africa: Historical, Legal and Anthropological Perspectives*. Moreton-in-Marsh, UK: Forest Peoples Programme (FPP).
- Nijman, V. (2009). *An Assessment of Trade in Gibbons and Orang-Utans in Sumatra, Indonesia*. Selangor, Malaysia: TRAFFIC Southeast Asia.
- Nijman, V. and Geissmann, T. (2008). *Symphalangus syndactylus*. *The IUCN Red List of Threatened Species 2008: e.T39779A10266335*. Available at: <http://dx.doi.org/10.2305/IUCN.UK.2008.RLTS.T39779A10266335.en>. Accessed December 11, 2016.
- Noam, Z. (2007). Eco-authoritarian conservation and ethnic conflict in Burma. *Policy Matters: Conservation and Human Rights*, **15**. Available at: <http://lib.icimod.org/record/13286/files/1734.pdf>.
- Normand, E. and Boesch, C. (2009). Sophisticated Euclidean maps in forest chimpanzees. *Animal Behaviour*, **77**, 1195–201. DOI: <https://doi.org/10.1016/j.anbehav.2009.01.025>.
- Nuno, A. and St John, F.A.V. (2015). How to ask sensitive questions in conservation: a review of specialized questioning techniques. *Biological Conservation*, **189**, 5–15. DOI: <https://doi.org/10.1016/j.biocon.2014.09.047>.
- Oates, J.F. (1999). *Myth and Reality in the Rain Forest*. Berkeley, CA: University of California Press.
- Oates, J.F., Bergl, R.A. and Linder, J.M. (2004). Africa's Gulf of Guinea forests: biodiversity patterns and conservation priorities. *Advances in Applied Biodiversity Science*, **6**, 1–90.

- Oates, J.F., Sunderland-Groves, J.L., Bergl, R., et al. (2007). *Regional Action Plan for the Conservation of the Cross River Gorilla* (Gorilla gorilla diehli). Gland, Switzerland: International Union for Conservation of Nature Species Survival Commission (IUCN SSC), and Arlington, VA: Primate Specialist Group and Conservation International.
- Oberndorf, R.B. (2012). *Legal Review of Recently Enacted Farmland Law and Vacant, Fallow and Virgin Lands Management Law: Improving the Legal and Policy Frameworks Relating to Land Management in Myanmar*. Forest Trends and Food Security Working Group's Land Core Group.
- Ocampo-Peñuela, N., Jenkins, C.N., Vijay, V., Li, B.V. and Pimm, S.L. (2016). Incorporating explicit geospatial data shows more species at risk of extinction than the current Red List. *Science Advances*, 2. DOI: 10.1126/sciadv.1601367.
- O'Connor, J.E., Duda, J.J. and Grant, G.E. (2015). 1000 dams down and counting. *Science*, 348, 496–7. DOI: 10.1126/science.aaa9204.
- OFI (n.d.). *Orangutan Care Center and Quarantine*. Orangutan Foundation International (OFI). Available at: <https://orangutan.org/occq/>. Accessed March, 21 2017.
- Ogawa, H., Yoshikawa, M. and Idani, G. (2014). Sleeping site selection by savanna chimpanzees in Ugalla, Tanzania. *Primates*, 55, 269–82. DOI: 10.1007/s10329-013-0400-4.
- Ojeme, V. (2011). *Why Nigeria Is Underdeveloped*, by Dowden. Nigeria: Vanguard. Available at: <https://www.vanguardngr.com/2011/09/why-nigeria-is-underdeveloped-by-dowden>.
- Okeke, F. (2013). *Land cover change analysis in the Afi-Mbe-Okwangwo landscape, Cross River State, Nigeria*. Wildlife Conservation Society, Nigeria Program. Report to CRSFC and UN-REDD.
- Olawayin, O. (2017). Lagos is Nigeria's most indebted state with highest domestic, foreign debts. *Premium Times*, April 28, 2017. Available at: <http://www.premiumtimesng.com/regional/ssouth-west/229830-lagos-nigerias-indebted-state-highest-domestic-foreign-debts.html>.
- Ondoua Ondoua, G., Beodo Moundjim, E., Mambo Marindo, J.C., et al. (2017). *An Assessment of Poaching and Wildlife Trafficking in the Garamba-Bili-Chinko Transboundary Landscape*. Cambridge, UK: TRAFFIC. Available at: <http://www.indiaenvironmentportal.org.in/files/file/Garamba-Bili-Chinko.pdf>.
- OpenStreetMap (n.d.). *OpenStreetMap*. OpenStreetMap. Available at: <https://www.openstreetmap.org>. Accessed July 21, 2017.
- Opperman, J., Grill, G. and Hartmann, J. (2015). *The Power of River: Finding Balance Between Energy and Conservation in Hydropower Development*. Washington DC: The Nature Conservancy.
- Opperman, J., Hartmann, J. and Raepple, J. (2017). *The Power of Rivers: A Business Case*. Washington DC: The Nature Conservancy.
- Orangutan Appeal UK (n.d.). *Sepilok Orangutan Rehabilitation Centre*. Brockenhurst, UK: Orangutan Appeal UK. Available at: <https://www.orangutan-appeal.org.uk/about-us/sepilok-orangutan-rehabilitation-centre>. Accessed October 10, 2017.
- Orangutan SSP (n.d.). *Orangutan SSP Member Zoos*. Orangutan Species Survival Plan (SSP). Available at: <http://www.orangutanssp.org/member-zoos.html>. Accessed September 30, 2016.
- Osterberg, P., Samphanthamit, P., Maprang, O., Punnaadee, S. and Brockelman, W.Y. (2014). Population dynamics of a reintroduced population of captive-raised gibbons (*Hylobates lar*) on Phuket, Thailand. *Primate Conservation*, 28, 179–88. DOI: 10.1896/052.028.0114.
- Ouyang, Z., Zheng, H., Xiao, Y., et al. (2016). Improvements in ecosystem services from investments in natural capital. *Science*, 352, 1455–9. DOI: 10.1126/science.aaf2295.
- Owono, J.C. (2001). Case study 8 Cameroon – Campo Ma'an the extent of Bagyeli Pygmy involvement in the development and management plan of the Campo Ma'an UTO. In *From Principles to Practice: Indigenous Peoples and Protected Areas in Africa*, ed. J. Nelson and L. Hossack, pp. 243–68. Available at: <http://www.forestpeoples.org/sites/fpp/files/publication/2010/08/camerooncampomaaneng.pdf>.
- Oxfam, ILC and RRI (2016). *Common Ground: Securing Land Rights and Safeguarding the Earth*. Oxfam, International Land Coalition (ILC), and Rights and Resources Initiative (RRI). Available at: <https://rightsandresources.org/en/publication/global-call-common-ground/#.WlExExztZU>. Accessed March 1, 2016.
- Pacca, S. and Horvath, A. (2002). Greenhouse gas emissions from building and operating electric power plants in the Upper Colorado River Basin. *Environmental Science and Technology*, 36, 3194–200. DOI: 10.1021/es0155884.

- Palm, J. (2015). Fresh start for Liberian chimpanzees used for medical tests. *Reuters*. Available at: <http://www.reuters.com/article/us-liberia-chimpanzees-idUSKBN0U61KP20151223>. Accessed October 4, 2016.
- Palombit, R.A. (1992). *Pair bonds and monogamy in wild siamang (Hylobates syndactylus) and white-handed gibbons (Hylobates lar) in northern Sumatra*. PhD thesis. University of California.
- Palombit, R. (1994). Dynamic pair bonds in hylobatids: implications regarding monogamous social systems. *Behaviour*, **128**, 65–101. DOI: <https://doi.org/10.1163/156853994X00055>.
- Palombit, R.A. (1997). Inter- and intraspecific variation in the diets of sympatric siamang (*Hylobates syndactylus*) and lar gibbons (*Hylobates lar*). *Folia Primatologica*, **68**, 321–37.
- Panaligan, R. (2005). Another tragedy in Aceh: illegal logging. *Jakarta Post*, Available at: <https://www.seapa.org/another-tragedy-in-aceh-illegal-logging/>.
- PASA (2015). *2015 census for African sanctuaries*. Portland, OR: Pan African Sanctuary Alliance (PASA). Unpublished report.
- PASA (2016a). *Operations Manual*, 2nd edn, December 2016. Portland, OR: Pan African Sanctuary Alliance (PASA). Available at: <https://www.pasaprimates.org/manuals-reports/>.
- PASA (2016b). *US Fish & Wildlife Approves Exporting Chimps to UK Zoo in an Unprecedented 'Pay to Play' Scheme*. Portland, OR: Pan African Sanctuary Alliance (PASA). Available at: <https://www.pasaprimates.org/advocacy/yerkes-wingham-update/>. Accessed October 27, 2016.
- Payne, J. (1988). *Orang-utan Conservation in Sabah*. Report 3759. Kuala Lumpur, Malaysia: World Wide Fund for Nature (WWF), Malaysia International.
- Percoco, M. (2014). Quality of institutions and private participation in transport infrastructure investment: evidence from developing countries. *Transportation Research Part A: Policy and Practice*, **70**, 50–8. DOI: <https://doi.org/10.1016/j.tra.2014.10.004>.
- Perram, A. (2015). Consulting Study 10A: institutional framework governing the palm oil sector in Cameroon: a report on laws, regulations and practices. In *HCS+ Consulting Study 10: Overview of Existing Regulatory Mechanisms and Relevant Actors*. Available at: http://www.simedarby.com/sustainability/clients/simedarby_sustainability/assets/contentMS/img/template/editor/HCSReports/Consulting%20Report%2010.pdf.
- Perram, A. (2016). *Behind the Veil: Transparency, Access to Information and Community Rights in Cameroon's Forestry Sector*. Moreton-in-Marsh, UK: Forest Peoples Programme. Available at: <http://www.forestpeoples.org/sites/fpp/files/publication/2016/06/behind-veil-artwork-english-web-1.pdf>.
- PGM Nigeria (2016a). *Draft environmental impact assessment (EIA) report of the proposed Calabar–Ikom–Katsina Ala superhighway project*. Submitted to Federal Ministry of Environment. Abuja, Nigeria: Government of Cross River State, Nigeria.
- PGM Nigeria (2016b). *Final environmental impact assessment (EIA) report of the proposed Calabar–Ikom–Katsina Ala superhighway project*. Submitted to Federal Ministry of Environment. Abuja, Nigeria: Government of Cross River State, Nigeria.
- PGM Nigeria (2017). *Proposed Calabar-Ikom-Katsina Ala Superhighway project. Environmental impact assessment, May 2017*. Final report submitted to Federal Ministry of Environment, Abuja. PGM Nigeria.
- Phalan, B., Onial, M., Balmford, A. and Green, R.E. (2011). Reconciling food production and biodiversity conservation: land sharing and land sparing compared. *Science*, **333**, 1289–91. DOI: [10.1126/science.1208742](https://doi.org/10.1126/science.1208742).
- PIB (2016a). *New Delhi Resolution on Tiger Conservation Adopted: Third Asian Ministerial Conference on Tiger Conservation Concludes*. Press Information Bureau (PIB), Ministry of Environment and Forests, Government of India. Available at: <http://pib.nic.in/newsite/PrintRelease.aspx?relid=138879>. April 14, 2016.
- PIB (2016b). *Pledge for Tiger Conservation*. Press Information Bureau (PIB) Government of India. Available at: <http://pib.nic.in/newsite/PrintRelease.aspx?relid=138879>.
- Piel, A.K., Cohen, N., Kamenya, S., et al. (2015). Population status of chimpanzees in the Masito-Ugalla ecosystem, Tanzania. *American Journal of Primatology*, **77**, 1027–35. DOI: [10.1002/ajp.22438](https://doi.org/10.1002/ajp.22438).
- Piel, A.K., Lenoel, A., Johnson, C. and Stewart, F.A. (2015). Deterring poaching in western Tanzania: the presence of wildlife researchers. *Global Ecology and Conservation*, **3**, 188–99. DOI: <https://doi.org/10.1016/j.gecco.2014.11.014>.
- Planet (n.d.). *Planet*. San Francisco, CA: Planet Labs Inc. Available at: <https://www.planet.com>. Accessed December, 2016–April, 2017.

- Planet Survey and CED (2003). *Extractive Industries and Respect for the World Bank Operational Directives vis-à-vis Indigenous Peoples Case Study on the Implementation of the Chad-Cameroon Pipeline*. Planet Survey and Centre for Environment and Development (CED). Available at: <http://www.forestpeoples.org/sites/fpp/files/publication/2010/08/eirinternatwshopcamerooncaseeng.pdf>.
- Plumptre, A.J., Davenport, T.R.B., Behangana, M., *et al.* (2007). The biodiversity of the Albertine Rift. *Biological Conservation*, **134**, 178–94. DOI: <https://doi.org/10.1016/j.biocon.2006.08.021>.
- Plumptre, A., Hart, J.A., Hicks, T.C., *et al.* (2016a). *Pan troglodytes ssp. schweinfurthii* (errata version published in 2016). *The IUCN Red List of Threatened Species 2016: e.T15937A102329417*. Gland, Switzerland: International Union for Conservation of Nature (IUCN). Available at: <http://dx.doi.org/10.2305/IUCN.UK.2016-2.RLTS.T15937A17990187.en>.
- Plumptre, A.J. and Johns, A.G. (2001). Changes in primate communities following logging disturbance. In *The Cutting Edge: Conserving Wildlife in Logged Tropical Forests*, ed. R. Fimbel, A. Grajal and J. G. Robinson. New York, NY: Columbia University Press, pp. 71–92.
- Plumptre, A.J., Nixon, S., Critchlow, R., *et al.* (2015). *Status of Grauer's gorilla and chimpanzees in Eastern Democratic Republic of Congo: historical and current distribution and abundance*. Report to Arcus Foundation, USAID and US Fish and Wildlife Service.
- Plumptre, A.J., Nixon, S., Kujirakwinja, D.K., *et al.* (2016b). Catastrophic decline of world's largest primate: 80% loss of Grauer's gorilla (*Gorilla beringei graueri*) population justifies critically endangered status. *PLoS One*, **11**, e0162697. DOI: [10.1371/journal.pone.0162697](https://doi.org/10.1371/journal.pone.0162697).
- Plumptre, A.J., Reynolds, V. and Bakuneeta, C. (1997). *The effects of selective logging in monodominant tropical forest on biodiversity*. Report to Project R6057, Overseas Development Administration (ODA), London, UK.
- Plumptre, A., Robbins, M. and Williamson, E.A. (2016). *Gorilla beringei*. *The IUCN Red List of Threatened Species 2016: e.T39994A102325702*. Gland, Switzerland: International Union for Conservation of Nature (IUCN). Available at: <http://www.iucnredlist.org/details/39994/o>. Accessed November 15, 2016.
- Plumptre, A.J., Rose, R., Nangendo, G., *et al.* (2010). *Eastern Chimpanzee (Pan troglodytes schweinfurthii): Status Survey and Conservation Action Plan 2010–2020*. Gland, Switzerland: International Union for Conservation of Nature Species Survival Commission (IUCN SSC), Primate Specialist Group.
- Poff, N.L., Allan, J.D., Bain, M.B., *et al.* (1997). The natural flow regime. *BioScience*, **47**, 769–84. DOI: [10.2307/1313099](https://doi.org/10.2307/1313099).
- Pohlman, C.L., Turton, S.M. and Goosem, M. (2009). Temporal variation in microclimatic edge effects near powerlines, highways and streams in Australian tropical rainforest. *Agricultural and Forest Meteorology*, **149**, 84–95. DOI: <https://doi.org/10.1016/j.agrformet.2008.07.003>.
- Porter-Bolland, L., Ellis, E.A., Guariguata, M.R., *et al.* (2012). Community managed forests and forest protected areas: an assessment of their conservation effectiveness across the tropics. *Forest Ecology and Management*, **268**, 6–17. DOI: <https://doi.org/10.1016/j.foreco.2011.05.034>.
- Poulsen, J.R., Clark, C.J., Mavah, G. and Elkan, P.W. (2009). Bushmeat supply and consumption in a tropical logging concession in northern Congo. *Conservation Biology*, **23**, 1597–608. DOI: [10.1111/j.1523-1739.2009.01251.x](https://doi.org/10.1111/j.1523-1739.2009.01251.x).
- Printes, R. (1999). The Lami Biological Reserve, Rio Grande do Sul, Brazil and the danger of power lines to howlers in urban reserves. *Neotropical Primates*, **4**, 135–6.
- Printes, R.C., Buss, G., Jardim, M.M. de A., *et al.* (2010). The Urban Monkeys Program: a survey of *Alouatta clamitans* in the south of Porto Alegre and its influence on land use policy between 1997 and 2007. *Primate Conservation*, **25**, 11–9. DOI: [10.1896/052.025.0103](https://doi.org/10.1896/052.025.0103).
- PROFOR (2012). *Poverty-Forests Linkages Toolkit: Overview and National Level Engagement*. Washington DC: World Bank. Available at: <https://openknowledge.worldbank.org/handle/10986/12618>.
- Profundo (2016). *Foreign land acquisitions in Cameroon: International linkages and financial flows*. Internal research paper for Forest Peoples Programme: Profundo Research and Advice.
- Property Hunter (2016). *The Pan-Borneo Highway: Making a Strong Connection*. Property Hunter. Available at: <https://www.propertyhunter.com.my/news/2016/08/2798/sabah/the-pan-borneo-highway-making-a-strong-connection>.
- Pruetz, J.D. and Bertolani, P. (2009). Chimpanzee (*Pan troglodytes verus*) behavioral responses to stresses associated with living in a savanna-mosaic environment: implications for hominin adaptations to open habitats. *PaleoAnthropology*, **2009**, 252–62.

- Prüfer, K., Munch, K., Hellmann, I., *et al.* (2012). The bonobo genome compared with the chimpanzee and human genomes. *Nature*, **486**, 527. DOI: 10.1038/nature11128. Available at: <https://www.nature.com/articles/nature11128#supplementary-information>.
- PT Hitay and UGM (2016). *Kajian Harmonisasi untuk Pengembangan Energi Terbaharukan di Taman Nasional Gunung Leuser*. Yogyakarta, Indonesia: PT Hitay Panas Energy and the Faculty of Forestry, Universitas Gadjah Mada (UGM).
- Pusey, A.E., Pinteá, L., Wilson, M.L., Kamenya, S. and Goodall, J. (2007). The contribution of long-term research at Gombe National Park to chimpanzee conservation. *Conservation Biology*, **21**, 623–34. DOI: 10.1111/j.1523-1739.2007.00704.x.
- Quintero, J.D., Roca, R., Morgan, A.J., Mathur, A. and Xiaoxin, S. (2010). *Smart Green Infrastructure in Tiger Range Countries: A Multi-Level Approach*. Global Tiger Initiative, GTISGI Working Group, Technical Paper. Discussion Papers. Washington DC: World Bank.
- Rabanal, L.I., Kuehl, H.S., Mundry, R., Robbins, M.M. and Boesch, C. (2010). Oil prospecting and its impact on large rainforest mammals in Loango National Park, Gabon. *Biological Conservation*, **143**, 1017–24. DOI: <https://doi.org/10.1016/j.biocon.2010.01.017>.
- Radio Free Sarawak (2015). CM dealing with Blockade. *Radio Free Sarawak*, July, 2015. Available at: <https://radiofree.sarawak.org/2015/07/cm-dealing-with-baram-blockade/>. Accessed November 4, 2016.
- Radio Okapi (2013). *Province Orientale: La Route Kisangani-Buta-Dulia Rouverte*. Gombe, DRC: Radio Okapi. Available at: <https://www.radiookapi.net/regions/province-orientale/2013/12/22/province-orientale-la-route-kisangani-buta-dulia-rouverte>. Accessed December 22, 2013.
- Rainer, H. (2014). Avoiding the chainsaws: industrial timber extraction and apes. In *State of the Apes: Extractive Industries and Ape Conservation*, ed. Arcus Foundation. Cambridge, UK: Cambridge University Press, pp. 101–26.
- Rainer, H. and Lanjouw, A. (2015). Encroaching on ape habitat: deforestation and industrial agriculture in Cameroon, Liberia and on Borneo. In *State of the Apes: Industrial Agriculture and Ape Conservation*, ed. Arcus Foundation. Cambridge, UK: Cambridge University Press, pp. 41–69.
- Rainforest Action Network (2014). *Last Place on Earth: Leuser Ecosystem*. San Francisco, CA: Rainforest Action Network. Available at: <https://www.ran.org/lastplaceonearth>.
- Ram, C., Sharma, G. and Rajpurohit, L.S. (2015). Mortality and threats to hanuman langurs (*Semnopithecus entellus entellus*) in and around Jodhpur (Rajasthan). *The Indian Forester*, **10**, 1042–5.
- Rambu Energy (2016). *President Widodo Inaugurates Lahendong Geothermal Power Plant Unit 5 and 6*. Jakarta, Indonesia: Rambu Energy. Available at: <https://www.rambuenergy.com/2016/12/president-widodo-inaugurates-lahendong-geothermal-power-plant-unit-5-and-6/>. Accessed November 27, 2017.
- Rawson, B.M., Insua-Cao, P., Manh Ha, N., *et al.* (2011). *The Conservation Status of Gibbons in Vietnam*. Hanoi, Vietnam: Fauna and Flora International/Conservation International.
- Ray, S. (2015). *Infrastructure Finance and Financial Sector Development*. ADBI Working Paper 522. Tokyo, Japan: Asian Development Bank Institute. Available at: <https://www.adb.org/sites/default/files/publication/159842/adbi-wp522.pdf>.
- REDD+ (n.d.). *Reducing Emissions from Deforestation and Forest Degradation in Developing Nations*. New York, NY: United Nations (UN) Framework Convention on Climate Change. Available at: <http://redd.unfccc.int/>.
- Reed, S.E. and Merenlender, A.M. (2008). Quiet, nonconsumptive recreation reduces protected area effectiveness. *Conservation Letters*, **1**, 146–54. DOI: 10.1111/j.1755-263X.2008.00019.x.
- Refisch, J. and Koné, I. (2005). Impact of commercial hunting on monkey populations in the Tai region, Cote d'Ivoire. *Biotropica*, **37**, 136–44. DOI: 10.1111/j.1744-7429.2005.03174.x.
- Refuge for Wildlife (n.d.). *Stop the Shocks*. Guanacaste Province, Costa Rica: Refuge for Wildlife. Available at: <http://refugeforwildlife.com/stop-the-shocks/>.
- Reichard, U. (1995). Extra-pair copulations in a monogamous gibbon (*Hylobates lar*). *Ethology*, **100**, 99–112. DOI: 10.1111/j.1439-0310.1995.tb00319.x.
- Reinartz, G., Ingmanson, E.J. and Vervaecke, H. (2013). *Pan paniscus gracile* chimpanzee (bonobo, pygmy chimpanzee). In *Mammals of Africa. Volume II: Primates*, ed. T. Butynski, J. Kingdon and J. Kalina. London, UK: Bloomsbury Publishing, pp. 64–9.

- Republic of Cameroon (2001). *Loi No. 001 du 16 Avril 2001 Portant Code Minier*. Yaoundé, Cameroon: Republic of Cameroon.
- Republic of Cameroon (2009a). *Cameroon Vision 2035: Document de Travail*. Yaoundé, Cameroon: Republic of Cameroon, Ministry of Economy, Planning and Regional Development. Available at: <http://extwprlegs1.fao.org/docs/pdf/cmr145894.pdf>.
- Republic of Cameroon (2009b). *Growth and Employment Strategy Paper: Reference Framework for Government Action over the Period 2010–2020. August 2009*. Yaoundé, Cameroon: Republic of Cameroon. Available at: <http://www.imf.org/external/pubs/ft/scr/2010/cr10257.pdf>.
- Republic of Cameroon (2012). *National Biodiversity Strategy and Action Plan Version II (NBSAB II): MINEPDED*. Yaoundé, Cameroon: Ministry of Environment, Protection of Nature and Sustainable Development. Available at: <https://www.cbd.int/doc/world/cm/cm-nbsap-v2-en.pdf>. December 2012.
- Republic of Guinea (n.d.). *Mining-Infrastructure Synergies, Growth Corridors*. Conakry, Guinea: Ministry of Mines and Geology. Available at: <http://mines.gov.gn/en/priorities/infrastructure/>.
- Republik Indonesia (2014). *Undang-Undang Republik Indonesia Nomor 21 Tahun 2014 Tentang Panas Bumi/Law of the Republic of Indonesia 21 Year 2014 About Geothermal*. Republik Indonesia. Available at: <http://www.indolaw.org/UU/Law%20No.%2021%20of%202014%20on%20Geothermal.pdf>.
- Reynolds, V. (2005). *The Chimpanzees of the Budongo Forest: Ecology, Behaviour, and Conservation*. Oxford, UK: Oxford University Press.
- Rhodes, J.R., Lunney, D., Callaghan, J. and McAlpine, C.A. (2014). A few large roads or many small ones? How to accommodate growth in vehicle numbers to minimise impacts on wildlife. *PLoS One*, **9**, e91093. DOI: 10.1371/journal.pone.0091093.
- Richter, B.D., Postel, S., Revenga, C., *et al.* (2010). Lost in development's shadow: the downstream human consequences of dams. *Water Alternatives*, **3**, 14.
- Riedler, B., Millesi, E. and Pratje, P.H. (2010). Adaptation to forest life during the reintroduction process of immature *Pongo abelii*. *International Journal of Primatology*, **31**, 647–63. DOI: 10.1007/s10764-010-9418-2.
- Riesco, I.L. (2005). *After the Tsunami: The EC, the Environment and Rebuilding Indonesia*. European Community Forest Platform-FERN. Available at: http://www.fern.org/sites/fern.org/files/media/documents/document_865_934.pdf.
- Rio Tinto Simfer S.A. (2012a). *Social and Environmental Impact Assessment, Simandou Project Mine Component*. Conakry, Republic of Guinea: Rio Tinto Simfer SA.
- Rio Tinto Simfer S.A. (2012b). *Social and Environmental Impact Assessment, Simandou Project Rail Component*. Conakry, Republic of Guinea: Rio Tinto Simfer SA.
- Ripple, W.J., Abernethy, K., Betts, M.G., *et al.* (2016). Bushmeat hunting and extinction risk to the world's mammals. *Royal Society Open Science*, **3**. DOI: 10.1098/rsos.160498.
- Robbins, A.M., Stoinski, T., Fawcett, K. and Robbins, M.M. (2011). Lifetime reproductive success of female mountain gorillas. *American Journal of Physical Anthropology*, **146**, 582–93. DOI: 10.1002/ajpa.21605.
- Robbins, M.M. (2011). Gorillas: diversity in ecology and behavior. In *Primates in Perspective*, 2nd edn, ed. C. J. Campbell, A. Fuentes, K. C. MacKinnon, S. Bearder and R. M. Stumpf. Oxford, UK: Oxford University Press, pp. 326–39.
- Robbins, M.M. and Sawyer, S. (2007). Intergroup encounters in mountain gorillas of Bwindi Impenetrable National Park, Uganda. *Behaviour*, **144**, 1497–519. DOI: <https://doi.org/10.1163/156853907782512146>.
- Roberts, M., Patel, J. and Minella, G. (2015). *Why Invest in Infrastructure?* Research Report. New York, NY: Deutsche Asset and Wealth Management.
- Robertson, Y. (2002). *Briefing Document on Road Network through the Leuser Ecosystem*. Cambridge University: International Union for Conservation of Nature Species Survival Commission (IUCN SSC).
- Robinson, J.G., Redford, K.H. and Bennett, E.L. (1999). Wildlife harvest in logged tropical forests. *Science*, **284**, 595–6. DOI: 10.1126/science.284.5414.595.
- Robson, S.L. and Wood, B. (2008). Hominin life history: reconstruction and evolution. *Journal of Anatomy*, **212**, 394–425. DOI: 10.1111/j.1469-7580.2008.00867.x.

- Rodrigues, N.N. and Martinez, R.A. (2014). Wildlife in our backyard: interactions between Wied's marmoset *Callithrix kuhlii* (Primates: Callithrichidae) and residents of Ilhéus, Bahia, Brazil. *Wildlife Biology*, **20**, 91–6. DOI: 10.2981/wlb.13057.
- Rogala, J., Hebblewhite, M., Whittington, J., *et al.* (2011). Human activity differentially redistributes large mammals in the Canadian Rockies National Parks. *Ecology and Society*, **16**, 16.
- Rogers, M.E., Abernethy, K., Bermejo, M., *et al.* (2004). Western gorilla diet: a synthesis from six sites. *American Journal of Primatology*, **64**, 173–92. DOI: 10.1002/ajp.20071.
- Rondinini, C., Wilson, K.A., Boitani, L., Grantham, H. and Possingham, H.P. (2006). Tradeoffs of different types of species occurrence data for use in systematic conservation planning. *Ecology Letters*, **9**, 1136–45. DOI: 10.1111/j.1461-0248.2006.00970.x.
- Ross, S.R., Lukas, K.E., Lonsdorf, E.V., *et al.* (2008). Inappropriate use and portrayal of chimpanzees. *Science*, **319**, 1487. DOI: 10.1126/science.1154490.
- Roy, J., Vigilant, L., Gray, M., *et al.* (2014). Challenges in the use of genetic mark-recapture to estimate the population size of Bwindi mountain gorillas (*Gorilla beringei beringei*). *Biological Conservation*, **180**, 249–61. DOI: <https://doi.org/10.1016/j.biocon.2014.10.011>.
- RRI (2016). *Closing the Gap: Strategies and Scale Needed to Secure Rights and Save Forests*. Rights and Resources Initiative (RRI). Available at: <http://rightsandresources.org/en/publication/closing-the-gap/#.WQD45FPyuuU>.
- RRI (2017). *From Risk and Conflict to Peace and Prosperity: The Urgency of Securing Community Land Rights in a Turbulent World*. Rights and Resources Initiative (RRI). Available at: <http://rightsandresources.org/en/publication/risk-conflict-to-peace-prosperity/#.WQD4G1PyuuU>.
- Ruckelshaus, M., McKenzie, E., Tallis, H., *et al.* (2015). Notes from the field: lessons learned from using ecosystem service approaches to inform real-world decisions. *Ecological Economics*, **115**, 11–21. DOI: <https://doi.org/10.1016/j.ecolecon.2013.07.009>.
- Rudel, T.K., Defries, R., Asner, G.P. and Laurance, W.F. (2009). Changing drivers of tropical deforestation create new challenges and opportunities for conservation. *Conservation Biology*, **23**, 1396–405. DOI: 10.1111/j.1523-1739.2009.01332.x.
- Russon, A. (2009). Orangutan rehabilitation and reintroduction: successes, failures and role in conservation. In *Orangutans: Geographic Variation in Behavioral Ecology and Conservation*, ed. S. A. Wich, S. S. Utami Atmoko, T. Mitra Setia and C. P. Van Schaik. Oxford, UK: Oxford University Press, pp. 327–50.
- Russon, A.E., Smith, J.J. and Adams, L. (2016). Managing human-orangutan relationships in rehabilitation. In *Ethnoprimatology: Primate Conservation in the 21st Century*, ed. M. Waller: Springer, pp. 233–58.
- Russon, A.E., Wich, S.A., Ancrenaz, M., *et al.* (2009). Geographic variation in orangutan diets. In *Orangutans: Geographic Variation in Behavioral Ecology and Conservation*, ed. S. A. Wich, S. Utami Atmoko, T. Mitra Setia and C. P. Van Schaik. Oxford, UK: Oxford University Press, pp. 135–56.
- Sanusi, L. (2012). *Nigeria's economic development aspirations and the leadership question: is there a nexus?* Speech by Mr Sanusi Lamido Sanusi, Governor of the Central Bank of Nigeria. Presented at: 2nd General Dr Yakubu Gowon Distinguished Annual Lecture, October 19, 2012, Lagos, Nigeria. Available at: <http://www.bis.org/review/r121105f.pdf>.
- Sarawak Report (2014). Bakun turbines running at just 50% capacity. *Sarawak Report*, January, 2014. Available at: <http://www.sarawakreport.org/2014/01/bakun-turbines-running-at-just-50-capacity-exclusive/>. Accessed April, 6 2017.
- Sarawak Report (2016). Plantation boss wanted over Bill Kayong murder. *Sarawak Report*, July 16, 2016. Available at: <http://www.sarawakreport.org/2016/07/plantation-boss-wanted-over-bill-kayong-murder-world-exclusive/>.
- Satriastanti, F.E. (2016). Indonesian environment ministry shoots down geothermal plan in Mount Leuser national park. *Mongabay*, September, 2016. Available at: <https://news.mongabay.com/2016/09/indonesian-environment-ministry-shoots-down-geothermal-plan-in-mount-leuser-national-park/>. Accessed September 12, 2016.
- Schaumburg, F., Mugisha, L., Peck, B., *et al.* (2012). Drug-resistant human *Staphylococcus aureus* in sanctuary apes pose a threat to endangered wild ape populations. *American Journal of Primatology*, **74**, 1071–5. DOI: 10.1002/ajp.22067.
- Scudder, T. (2005). *The Future of Large Dams: Dealing with Social, Environmental, Institutional and Political Costs*. London, UK: Earthscan Publications.

- SEDIA (2008). *Sabah Development Corridor Blueprint*. Kota Kinabalu, Malaysia: Sabah Economic Development and Investment Authority (SEDIA). Available at: http://www.sedia.com.my/SDC_Blueprint.html.
- Seiler, N., Boesch, C., Mundry, R., Stephens, C. and Robbins, M.M. (2017). Space partitioning in wild, non-territorial mountain gorillas: the impact of food and neighbours. *Royal Society Open Science*, **4**. DOI: 10.1098/rsos.170720.
- Seiler, N. and Robbins, M.M. (2016). Factors influencing ranging on community land and crop raiding by mountain gorillas. *Animal Conservation*, **19**, 176–88. DOI: 10.1111/acv.12232.
- Seto, K.C., Güneralp, B. and Hutyra, L.R. (2012). Global forecasts of urban expansion to 2030 and direct impacts on biodiversity and carbon pools. *Proceedings of the National Academy of Sciences*, **109**, 16083–8. DOI: 10.1073/pnas.1211658109.
- Seymour, F., La Vina, T. and Hite, K. (2014). *Evidence Linking Community-Level Tenure and Forest Condition: An Annotated Bibliography*. San Francisco, CA: Climate and Land Use Alliance.
- Sharp, J. (2016). *Mobile Zoo Closes Following USDA Judge's Order*. Available at: http://www.al.com/news/mobile/index.ssf/2016/11/mobile_zoo_closes_following_us.html. Accessed November 17, 2016.
- Shearman, P., Bryan, J. and Laurance, W.F. (2012). Are we approaching 'peak timber' in the tropics? *Biological Conservation*, **151**, 17–21. DOI: <https://doi.org/10.1016/j.biocon.2011.10.036>.
- Shepherd, C. and Nijman, V. (2008). *The Wild Cat Trade in Myanmar*. Selangor, Malaysia: TRAFFIC Southeast Asia. Available at: <http://www.traffic.org/publications/the-wild-cat-trade-in-myanmar.html>.
- Sherman, J., Brent, L. and Farmer, K. (2016). *A picture is worth a thousand words: an analysis of animal images posted on the internet by African ape sanctuaries*. Poster presentation. Presented at: International Primatological Society, 26th Congress, August 23, 2016, Chicago, IL. International Primatological Society.
- Shipping Position Online (2016). *The Deep Seaport Craze in Nigeria*. Available at: <http://shippingposition.com.ng/editorial/the-deep-seaport-craze-in-nigeria>. Accessed November 14, 2016.
- Shirley, R. and Kammen, D. (2015). Energy planning and development in Malaysian Borneo: assessing the benefits of distributed technologies versus large scale energy mega-projects. *Energy Strategy Reviews*, **8**, 15–29. DOI: <https://doi.org/10.1016/j.esr.2015.07.001>.
- Shirley, R., Kammen, D. and Wynn, G. (2014). *Kampung capacity: analyzing local energy solutions in the Baram River basin, east Malaysia*. Unpublished paper.
- Si, Y. (1998). The world's most catastrophic dam failures: the August 1975 collapse of the Banqiao and Shimantan dams. In *Dai Qing, The River Dragon Has Come!*, ed. M. E. Sharpe. New York, NY: San José State University, pp. 25–38. Available at: <http://www.sjsu.edu/faculty/watkins/aug1975.htm>.
- Silveira, L., Sollmann, R., Jácomo, A.T.A., Diniz Filho, J.A.F. and Törres, N.M. (2014). The potential for large-scale wildlife corridors between protected areas in Brazil using the jaguar as a model species. *Landscape Ecology*, **29**, 1213–23. DOI: 10.1007/s10980-014-0057-4.
- Simpson, A. (2014). *Energy, Governance and Security in Thailand and Myanmar (Burma): A Critical Approach to Environmental Politics in the South*. Farnham, UK: Ashgate Publishing Ltd.
- Simpson, A. (2015). Starting from year zero: environmental governance in Myanmar. In *Environmental Challenges and Governance: Diverse Perspectives from Asia*, ed. S. Mukherjee and D. Chakraborty. London, UK: Routledge, pp. 152–65. Available at: https://www.researchgate.net/publication/275973353_Starting_from_year_zero_Environmental_governance_in_Myanmar.
- Singleton, I., Knott, C.D., Morrogh-Bernard, H.C., Wich, S.A. and Van Schaik, C.P. (2009). Ranging behavior of orangutan females and social organization. In *Orangutans: Geographic Variation in Behavioral Ecology and Conservation*, ed. S. A. Wich, S. Utami Atmoko, T. Mitra Setia and C. P. Van Schaik. Oxford, UK: Oxford University Press, pp. 205–13.
- Singleton, I., Wich, S., Husson, S., et al. (2004). *Orangutan Population and Habitat Viability Assessment: Final Report*. Apple Valley, MN: International Union for Conservation of Nature Species Survival Commission (IUCN SSC), Conservation Breeding Specialist Group.
- Singleton, I., Wich, S.A., Nowak, M. and Usher, G. (2016). *Pongo abelii*. *The IUCN Red List of Threatened Species 2016: e.T39780A102329901*. Gland, Switzerland: International Union for Conservation of Nature (IUCN). Available at: <http://www.iucnredlist.org/details/121097935/0>. Accessed August 14, 2017.

- Skinner, J. and Haas, L.J. (2014). *Watered Down? A Review of Social and Environmental Safeguards for Large Dam Projects. Natural Resource Issues No. 28*. London, UK: International Institute for Environment and Development (IIED).
- Slade, A. (2016). *Survivorship, demographics and seasonal trends among electrocuted primate species in Diani, Kenya*. Masters thesis. Bristol, UK: University of Bristol.
- Slade, A. and Cunneyworth, P. (2017). *Electrocution trends in six sympatric primates in the suburban environment of Diani, Kenya*. Unpublished report. Diani, Kenya: Colobus Conservation.
- Sloan, S., Bertzky, B. and Laurance, W.F. (2017). African development corridors intersect key protected areas. *African Journal of Ecology*, **55**, 731–7. DOI: 10.1111/aje.12377.
- Smith, J., Obidzinski, K., Subarudi, S. and Suramenggala, I. (2003). Illegal logging, collusive corruption and fragmented governments in Kalimantan, Indonesia. *International Forestry Review*, **5**, 293–302.
- Smith, R.J., Biggs, D., St. John, F.A.V., 't Sas-Rolfes, M. and Barrington, R. (2015). Elephant conservation and corruption beyond the ivory trade. *Conservation Biology*, **29**, 953–6. DOI: 10.1111/cobi.12488.
- Smith, T. (2013). Cameroon's rich biodiversity is under threat. *UCLA Today*. Available at: <http://newsroom.ucla.edu/stories/preserving-cameroon-s-treasures-248074>. Accessed August 28, 2013.
- Smithsonian Institution (n.d.). *Human Origins*. Washington DC: Smithsonian Institution. Available at: <http://humanorigins.si.edu/evidence/genetics>.
- Sop, T., Cheyne, S.M., Maisels, F.G., Wich, S.A. and Williamson, E.A. (2015). Abundance annex: ape population abundance estimates. In *State of the Apes 2015: Industrial Agriculture and Ape Conservation*, ed. Arcus Foundation. Cambridge, UK: Cambridge University Press, online. Available at: <http://www.stateoftheapes.com/volume-2-industrial-agriculture/>.
- Sovacool, B.K. and Bulan, L.C. (2011). Behind an ambitious megaproject in Asia: the history and implications of the Bakun hydroelectric dam in Borneo. *Energy Policy*, **39**, 4842–59. DOI: <https://doi.org/10.1016/j.enpol.2011.06.035>.
- Species360 (2016). *Species-holding reports (Gorilla, Hylobatidae, Pan, Pongo)*. Unpublished data. Species360.
- Spignesi, S.J. (2004). *Catastrophe! The 100 Greatest Disasters of All Time*. New York, NY: Citadel Press.
- Spira, C., Kirkby, A., Kujirakwinja, D. and Plumtre, A.J. (2017). The socio-economics of artisanal mining and bushmeat hunting around protected areas: Kahuzi–Biega National Park and Itombwe Nature Reserve, eastern Democratic Republic of Congo. *Oryx*, 1–9. DOI: 10.1017/S003060531600171X.
- Spittaels, S. and Hilgert, F. (2010). *Mapping Conflict Motives: Province Orientale (DRC)*. Number 22. Antwerp, Belgium: International Peace Information Service.
- Stanley, E.H. and Doyle, M.W. (2003). Trading off: the ecological effects of dam removal. *Frontiers in Ecology and the Environment*, **1**, 15–22. DOI: 10.1890/1540-9295(2003)001[0015:TOTEEO]2.0.CO;2.
- Steinmetz, R., Srirattaporn, S., Mor-Tip, J. and Seuaturien, N. (2014). Can community outreach alleviate poaching pressure and recover wildlife in south-east Asian protected areas? *Journal of Applied Ecology*, **51**, 1469–78. DOI: 10.1111/1365-2664.12239.
- Stewart, K.J. (1988). Suckling and lactational anoestrus in wild gorillas (*Gorilla gorilla*). *Journal of Reproduction and Fertility*, **83**, 627–34.
- Stokes, E.J., Strindberg, S., Bakabana, P.C., et al. (2010). Monitoring great ape and elephant abundance at large spatial scales: measuring effectiveness of a conservation landscape. *PLoS One*, **5**, e10294. DOI: 10.1371/journal.pone.0010294.
- Stokstad, E. (2017). New great ape species found, sparking fears for its survival. *Science*. DOI: 10.1126/science.aar3900.
- Straumann, L. (2014). *Money Logging: on the Trail of the Asian Timber Mafia*. Basel, Switzerland: Schwabe AG.
- Struebig, M.J., Wilting, A., Gaveau, D.L.A., et al. (2015). Targeted conservation to safeguard a biodiversity hotspot from climate and land-cover change. *Current Biology*, **25**, 372–8. DOI: <https://doi.org/10.1016/j.cub.2014.11.067>.
- Struhsaker, T.T. (1999). Primate communities in Africa: the consequences of long-term evolution or the artifact of recent hunting. In *Primate Communities*, ed. J. G. Fleagle, C. H. Janson and K. E. Reed. New York, NY: Cambridge University Press, pp. 289–94.

- Sulistyawan, B.S., Eichelberger, B.A., Verweij, P., *et al.* (2017). Connecting the fragmented habitat of endangered mammals in the landscape of Riau–Jambi–Sumatera Barat (RIMBA), central Sumatra, Indonesia (connecting the fragmented habitat due to road development). *Global Ecology and Conservation*, **9**, 116–30. DOI: <https://doi.org/10.1016/j.gecco.2016.12.003>.
- Sundance (2016). *Quarterly Activity Report*. Perth, Australia: Sundance Resources Ltd.
- Sunderland-Groves, J.L., Slayback, D.A., Bessike Balinga, M.P. and Sunderland, T.C.H. (2011). Impacts of co-management on western chimpanzee (*Pan troglodytes verus*) habitat and conservation in Nialama Classified Forest, Republic of Guinea: a satellite perspective. *Biodiversity and Conservation*, **20**, 2745. DOI: 10.1007/s10531-011-0102-4.
- Sunderlin, W.D., Dewi, S. and Puntodewo, A. (2007). *Poverty and Forests: Multi-Country Analysis of Spatial Association and Proposed Policy Solutions*. CIFOR Occasional Paper No. 47. Bogor, Indonesia: Center for International Forestry Research (CIFOR). Available at: http://www.cifor.org/publications/pdf_files/OccPapers/OP-47.pdf.
- SWD (2011). *Orangutan Action Plan 2012–2016*. Kota Kinabalu, Malaysia: Sabah Wildlife Department (SWD). Available at: http://static1.1.sqspcdn.com/static/f/1200343/24377541/1392391814550/Sabah_Orangutan_Action_Plan_2012–2016.pdf?token=LgJ5zbZ2eM5CmaiazY5GHhAGbcg%3D.
- Tabuchi, H. (2016). How big banks are putting rain forests in peril. *New York Times*, December 3, 2016. Available at: <http://www.nytimes.com/2016/12/03/business/energy-environment/how-big-banks-are-putting-rain-forests-in-peril.html?ref=business>. Accessed December 4, 2016.
- Tagg, N., Willie, J., Duarte, J., Petre, C.A. and Fa, J.E. (2015). Conservation research presence protects: a case study of great ape abundance in the Dja region, Cameroon. *Animal Conservation*, **18**, 489–98. DOI: 10.1111/acv.12212.
- TANAPA, TAWIRI, WD-MNRT, *et al.* (2015). *Gombe-Mahale Ecosystem Conservation Action Planning, v 2.0*. Tanzania National Parks (TANAPA), Tanzania Wildlife Research Institute (TAWIRI), Wildlife Division–Ministry of Natural Resources and Tourism (WD–MNRT), *et al.* Available at: http://static1.1.sqspcdn.com/static/f/1200343/26920244/1458214306290/TANAPA_et_al_2015_GME_CAP_2.0.pdf?token=34OmlSmt4LtbEajrZFdm0JMxZto%3D.
- Tang, D. and Kelly, A.S. (2016). *Design Manual: Building a Sustainable Road to Dawei: Enhancing Ecosystem Services and Wildlife Connectivity*. Yangon, Myanmar: World Wide Fund for Nature (WWF).
- Tasch, B. (2015). The 23 poorest countries in the world. *Business Insider UK*, July, 2015. Available at: <http://uk.businessinsider.com/the-23-poorest-countries-in-the-world-2015-7>.
- Tata, H.L., van Noordwijk, M., Ruyschaert, D., *et al.* (2014). Will funding to Reduce Emissions from Deforestation and (forest) Degradation (REDD+) stop conversion of peat swamps to oil palm in orangutan habitat in Tripa in Aceh, Indonesia? *Mitigation and Adaptation Strategies for Global Change*, **19**, 693–713. DOI: 10.1007/s11027-013-9524-5.
- TAWIRI (2017). *Tanzania national chimpanzee management plan*. Unpublished draft. Arusha, Tanzania: Tanzania Wildlife Research Institute (TAWIRI), Ministry of Natural Resources and Tourism.
- TBC (2016). *Government Policies on Biodiversity Offsets*. Cambridge, UK: The Biodiversity Consultancy (TBC).
- TBC (n.d.). *World Bank ESS6*. Cambridge, UK: The Biodiversity Consultancy (TBC). Available at: <http://www.thebiodiversityconsultancy.com/approaches/world-bank-ess6/>.
- TBC and CSBI (2015). *A Cross-Sector Guide to Implementing the Mitigation Hierarchy*. Cambridge, UK: The Biodiversity Consultancy (TBC) and Cross-Sector Biodiversity Initiative (CSBI).
- Teleki, G. (2001). Sanctuaries for ape refugees. In *Great Apes and Humans: The Ethics of Coexistence*, ed. B. Beck, T. Stoinski, M. Hutchins, *et al.* Washington DC: Smithsonian Institution, pp. 133–49.
- Tello, I.Z. (2016). En una decisión judicial inédita, la mona cecilia será trasladada de Mendoza a Brasil. *Los Andes*. Available at: <http://www.losandes.com.ar/article/tras-una-decision-judicial-inedita-la-mona-cecilia-sera-trasladada-a-brasil?rv=4>. Accessed November 6, 2016.
- Tempo (2017). *Jokowi Confident in Realization of Renewable Energy Projects*. Jakarta, Indonesia: Tempo. Available at: <https://en.tempo.co/read/news/2015/08/22/055694138/Jokowi-Confident-in-Realization-of-Renewable-Energy-Projects>. Accessed January 22, 2017.
- ten Kate, K. and Crowe, M.L.A. (2014). *Biodiversity Offsets: Policy Options for Governments*. Gland, Switzerland: International Union for Conservation of Nature (IUCN).

- Thant, H. (2016). New environmental impact rules released. *The Myanmar Times*.
- The Economist* (2014). Nigeria: Africa's new number one. *The Economist*, April 12, 2014. Available at: <https://www.economist.com/news/finance-and-economics/21600734-revised-figures-show-nigeria-africas-largest-economy-step-change>.
- The Guardian* (n.d.). China GDP: how it has changed since 1980. *The Guardian*. Online data spreadsheet. Available at: <https://www.theguardian.com/news/datablog/2012/mar/23/china-gdp-since-1980#data>.
- Then, S. (2016). New Murum Dam to boost energy output in Sarawak. *The Star Online*. Available at: <http://www.thestar.com.my/news/nation/2016/09/27/new-murum-dam-to-boost-energy-output-in-sarawak/>. Accessed September 14, 2017.
- This Day* (2016). Another Chinese firm expresses interest in Bakassi Deep Seaport, superhighway. *This Day*. Available at: <https://www.thisdaylive.com/index.php/2016/10/17/another-chinese-firm-expresses-interest-in-bakassi-deep-seaport-superhighway/>. Accessed October 17, 2016.
- Thompson, M.E. (2013). Reproductive ecology of female chimpanzees. *American Journal of Primatology*, **75**, 222–37. DOI: 10.1002/ajp.22084.
- Thouless, C.R., Dublin, H.T., Blanc, J.J., et al. (2016). *African Elephant Status Report 2016: An Update from the African Elephant Database*. Occasional Paper Series of the IUCN Species Survival Commission, No. 60. Gland, Switzerland: International Union for Conservation of Nature Species Survival Commission (IUCN SSC), African Elephant Specialist Group. Available at: <https://www.iucn.org/ssc-groups/mammals/african-elephant-specialist-group>.
- Tilman, D., Fargione, J., Wolff, B., et al. (2001). Forecasting agriculturally driven environmental change. *Science*, **292**, 281–4. DOI: 10.1126/science.1057544.
- Tilt, B., Braun, Y. and He, D. (2009). Social impacts of large dam projects: a comparison of international case studies and implications for best practice. *Journal of Environmental Management*, **90**, S249–S57. DOI: <https://doi.org/10.1016/j.jenvman.2008.07.030>.
- TNC, WWF and UoM (2016). *Improving Hydropower Outcomes through System-Scale Planning: An Example from Myanmar*. United Kingdom, Department for International Development (DFID). The Nature Conservancy (TNC), World Wide Fund for Nature (WWF) and the University of Manchester (UoM).
- Torres, J., Brito, J.C., Vasconcelos, M.J., et al. (2010). Ensemble models of habitat suitability relate chimpanzee (*Pan troglodytes*) conservation to forest and landscape dynamics in western Africa. *Biological Conservation*, **143**, 416–25. DOI: <https://doi.org/10.1016/j.biocon.2009.11.007>.
- Tracewski, Ł., Butchart, S.H.M., Di Marco, M., et al. (2016). Toward quantification of the impact of 21st-century deforestation on the extinction risk of terrestrial vertebrates. *Conservation Biology*, **30**, 1070–9. DOI: 10.1111/cobi.12715.
- TRAFFIC (2008). *What's Driving the Wildlife Trade? A Review of Expert Opinion on Economic and Social Drivers of the Wildlife Trade and Trade Control Efforts in Cambodia, Indonesia, Lao PDR and Vietnam*. East Asia and Pacific Region Sustainable Development Discussion Papers. Washington DC: East Asia and Pacific Region Sustainable Development Department, World Bank. Available at: http://www.trafficj.org/publication/o8_what%27s_driving_the_wildlife_trade.pdf.
- TRAFFIC (2014). *Myanmar: A Gateway For Illegal Trade in Tigers and Other Wild Cats to China*. Cambridge, UK: TRAFFIC.
- Tranquilli, S., Abedi-Lartey, M., Abernethy, K., et al. (2014). Protected areas in tropical Africa: assessing threats and conservation activities. *PLoS One*, **9**, e114154. DOI: 10.1371/journal.pone.0114154.
- Tranquilli, S., Abedi-Lartey, M., Amsini, F., et al. (2012). Lack of conservation effort rapidly increases African great ape extinction risk. *Conservation Letters*, **5**, 48–55. DOI: 10.1111/j.1755-263X.2011.00211.x.
- Transparent World (2015). *Tree Plantations*. Global Forest Watch. Available at: http://data.globalforestwatch.org/datasets/baae47df61ed4a73a6f54f00cb4207e0_5?uiTab=metadata. Accessed December, 2016.
- Trayford, H.R. and Farmer, K.H. (2013). Putting the spotlight on internally displaced animals (IDAs): a survey of primate sanctuaries in Africa, Asia, and the Americas. *American Journal of Primatology*, **75**, 116–34. DOI: 10.1002/ajp.22090.

- Tribal Energy and Environmental Information (n.d.). *Geothermal Energy: Construction Impacts*. Office of Indian Energy and Economic Development. Available at: <https://teeic.indianaffairs.gov/er/geothermal/impact/construct/index.htm>. Accessed March 9, 2017.
- Trombulak, S.C. and Frissell, C.A. (2000). Review of ecological effects of roads on terrestrial and aquatic communities. *Conservation Biology*, **14**, 18–30. DOI: 10.1046/j.1523-1739.2000.99084.x.
- Tropek, R., Sedláček, O., Beck, J., *et al.* (2014). Comment on 'High-resolution global maps of 21st-century forest cover change'. *Science*, **344**, 981. DOI: 10.1126/science.1248753.
- Tschantz, B. (2014). What we know (and don't know) about low-head dams. *Journal of Dam Safety*, **12**, 37–45.
- Tsunokawa, K. and Hoban, C. (1997). *Roads and the Environment: A Handbook*. Technical Paper No. 376, Chapter 10. Washington DC: The World Bank.
- Tucker, S. (2011). Integration by education: a study of Cameroon's Bakola-Bagiyeli. *Journal of Politics and Society*, **21**, 89–116.
- Turvey, S.T., Traylor-Holzer, K., Wong, M.H., *et al.* (2015). *International Conservation Planning Workshop for the Hainan Gibbon: Final Report*. London, UK: Zoological Society of London/IUCN SSC Conservation Breeding Specialist Group. Available at: <http://www.gibbons.asia/wp-content/uploads/2017/03/Hainan-Gibbon-Action-Plan-2016-2020.pdf>.
- Tweh, C.G., Lormie, M.M., Kouakou, C.Y., *et al.* (2015). Conservation status of chimpanzees *Pan troglodytes verus* and other large mammals in Liberia: a nationwide survey. *Oryx*, **49**, 710–8. DOI: 10.1017/S0030605313001191.
- Tyson, L., Draper, C. and Turner, D. (2016). *The Use of Wild Animals in Performance 2016*. Horsham, UK: Born Free Foundation. Available at: http://www.bornfree.org.uk/fileadmin/user_upload/files/zoo_check/publications/PERFORMING_ANIMALS_REPORT_2016.pdf.
- UN Population Division (2015). *World Population Prospects: The 2015 Revision, Key Findings and Advance Tables*. Working Paper No. ESA/P/WP.241. New York, NY: United Nations (UN), Department of Economic and Social Affairs, Population Division.
- UN Population Division (2017). *World Population Prospects. Volume 1. 2017 Revision*. New York, NY: United Nations (UN), Department of Economic and Social Affairs, Population Division. Available at: https://esa.un.org/unpd/wpp/Publications/Files/WPP2017_Volume-I_Comprehensive-Tables.pdf.
- UN Population Division (n.d.). *World Population Prospects 2017: Fertility Indicators*. New York, NY: United Nations (UN), Department of Economic and Social Affairs, Population Division. Available at: <https://esa.un.org/unpd/wpp/Download/Standard/Fertility>. Accessed October, 2017.
- UNEP/CMS (2009). *Mountain Gorilla Gorilla beringei beringei Gorilla Agreement Action Plan. Revised Version of UNEP/CMS/GOR-MOP1/Doc.7d*. Bonn, Germany: Convention on Migratory Species (UNEP/CMS).
- UNEP-WCMC and IUCN (n.d.). *Protected Planet: World Database on Protected Areas*. Cambridge, UK: United Nations Environment Programme (UNEP), World Conservation Monitoring Centre (WCMC) and International Union for Conservation of Nature (IUCN). Available at: www.protectedplanet.net. Accessed October, 2016.
- UNEP-WCMC and IUCN (2017). *Protected Planet: World Database on Protected Areas*. United Nations Environment Programme (UNEP), World Conservation Monitoring Centre (WCMC) and International Union for Conservation of Nature (IUCN). Available at: www.protectedplanet.net/c/world-database-on-protected-areas. Accessed August, 2017.
- UNESCO (n.d.-a). *Decision: 31 COM 7A.5: Kahuzi-Biega National Park (Democratic Republic of the Congo) (N 137)*. Paris, France: United Nations Educational, Scientific and Cultural Organization (UNESCO) World Heritage Convention (WHC). Available at: <http://whc.unesco.org/en/decisions/1268>.
- UNESCO (n.d.-b). *Directory of the World Network of Biosphere Reserves (WNBR)*. Paris, France: United Nations Educational, Scientific and Cultural Organization (UNESCO). Available at: www.unesco.org/new/en/natural-sciences/environment/ecological-sciences/biosphere-reserves/world-network-wnbr/wnbr/.
- UNESCO WHC (2016). *Operational Guidelines for the Implementation of the World Heritage Convention*. Paris, France: United Nations Educational, Scientific and Cultural Organization (UNESCO) World Heritage Convention (WHC). Available at: <http://whc.unesco.org/document/156250>.
- UNESCO WHC (2017). *Tropical Rainforest Heritage of Sumatra*. Paris, France: United Nations Educational, Scientific and Cultural Organization (UNESCO) World Heritage Convention (WHC). Available at: <http://whc.unesco.org/en/list/1167>. Accessed September 12, 2017.

- UNESCO WHC (n.d.). *Bwindi Impenetrable National Park*. Paris, France: United Nations Educational, Scientific and Cultural Organization (UNESCO) World Heritage Convention (WHC). Available at: <http://whc.unesco.org/en/list/682>.
- University of Cambridge (2012). *Capturing the Benefits of Ecosystem Services to Guide Decision-making in the Greater Virungas Landscape of the Albertine Rift Region. Policy Workshop Report*. Cambridge, UK: University of Cambridge.
- Unwin, S., Cress, D., Colin, C., Bailey, W. and Boardman, W. (2009). *Primate Veterinary Health Manual*, 2nd edn. Portland, OR: Pan African Sanctuary Alliance (PASA).
- Unwin, S., Robinson, I.A.N., Schmidt, V., et al. (2012). Does confirmed pathogen transfer between sanctuary workers and great apes mean that reintroduction should not occur? *American Journal of Primatology*, **74**, 1076–83. DOI: 10.1002/ajp.22069.
- U-PCLG (2015). *Assessing Options for the Proposed Improvement of the Ikumba to Ruhija Road, U-PCLG Position Paper*. Uganda Poverty and Conservation Learning Group (U-PCLG). Available at: http://igcp.org/wp-content/uploads/U-PCLG-position-on-Ruhija-Road-Mar12_2015.pdf.
- USFWS (2015). *US Fish and Wildlife Service Finalizes Rule Listing All Chimpanzees as Endangered Under the Endangered Species Act*. US Fish and Wildlife Service (USFWS). Available at: <http://www.fws.gov/news/ShowNews.cfm?ID=E81DA137-BAF2-9619-3492A2972E9854D9>. Accessed June 19, 2017.
- USGS (n.d.). *Global 30 Arc-Second Elevation (GTOPO30)*. Reston, VA: US Geological Survey (USGS). Available at: <https://lta.cr.usgs.gov/GTOPO30>. Accessed January, 2018.
- Uwaegbulam, C. (2016). Stakeholders approve \$12m UN-REDD plus strategy for Nigeria. *The Guardian*, September 5, 2016. Available at: <https://guardian.ng/property/stakeholders-approve-12m-un-redd-plus-strategy-for-nigeria>.
- van Beukering, P.J.H., Cesar, H.S.J. and Janssen, M.A. (2003). Economic valuation of the Leuser National Park on Sumatra, Indonesia. *Ecological Economics*, **44**, 43–62. DOI: [https://doi.org/10.1016/S0921-8009\(02\)00224-0](https://doi.org/10.1016/S0921-8009(02)00224-0).
- van den Berg, J. and Biesbrouck, K. (2000). *The Social Dimension of Rainforest Management in Cameroon: Issues for Co-Management. Tropenbos-Cameroon Series 4*. Kribi, Cameroon: The Tropenbos-Cameroon Programme.
- Van Der Hoeven, C.A., De Boer, W.F. and Prins, H.H.T. (2010). Roadside conditions as predictor for wildlife crossing probability in a central African rainforest. *African Journal of Ecology*, **48**, 368–77. DOI: 10.1111/j.1365-2028.2009.01122.x.
- van der Ree, R., Smith, D.J. and Grilo, C., ed. (2015). *Handbook of Road Ecology*. Oxford, UK: John Wiley & Sons.
- Van Gils, H. and Kayijamahe, E. (2010). Sharing natural resources: mountain gorillas and people in the Parc National des Volcans, Rwanda. *African Journal of Ecology*, **48**, 621–7. DOI: 10.1111/j.1365-2028.2009.01154.x.
- van Noordwijk, M.A., Sauren, S.E.B., Nuzuar, et al. (2009). Development of independence: Sumatran and Bornean orangutans compared. In *Orangutans: Geographic Variation in Behavioral Ecology and Conservation*, ed. S.A. Wich, S. Utami Atmoko, T. Mitra Setia and C. P. Van Schaik. Oxford, UK: Oxford University Press, pp. 189–203.
- van Noordwijk, M.A., Willems, E.P., Utami Atmoko, S.S., Kuzawa, C.W. and Van Schaik, C.P. (2013). Multi-year lactation and its consequences in Bornean orangutans (*Pongo pygmaeus wurmbii*). *Behavioral Ecology and Sociobiology*, **67**, 805–14. DOI: 10.1007/s00265-013-1504-y.
- Van Schaik, C.P., Monk, K.A. and Robertson, J.M.Y. (2001). Dramatic decline in orang-utan numbers in the Leuser ecosystem, northern Sumatra. *Oryx*, **35**, 14–25. DOI: 10.1046/j.1365-3008.2001.00150.x.
- Vancutsem, C. and Achard, F. (2016). *Mapping intact and degraded humid forests over the tropical belt from 32 years of Landsat time series*. Presented at: Living Planet Symposium, 9–13 May, Prague, Czech Republic. Available at: <http://lps16.esa.int/files/Contribution2034.pdf>.
- Vanguard (2015). Imperatives of dredging Calabar Port. *Vanguard News*, August 13, 2015. Available at: <https://www.vanguardngr.com/2015/08/imperatives-of-dredging-calabar-port/>.
- Vanguard (2017). Superhighway: C-River gives FG two weeks ultimatum on EIA. *Vanguard News*, March 11, 2017. Available at: <https://www.vanguardngr.com/2017/03/superhighway-c-river-gives-fg-two-weeks-ultimatum-eia/>.
- Vanthomme, H., Kolowski, J., Korte, L. and Alonso, A. (2013). Distribution of a community of mammals in relation to roads and other human disturbances in Gabon, central Africa. *Conservation Biology*, **27**, 281–91. DOI: 10.1111/cobi.12017.

- Vanthomme, H., Kolowski, J., Nzamba, B.S. and Alonso, A. (2015). Hypothesis-driven and field-validated method to prioritize fragmentation mitigation efforts in road projects. *Ecological Applications*, **25**, 2035–46. DOI: 10.1890/14–1924.1.
- Varki, A. and Altheide, T.K. (2005). Comparing the human and chimpanzee genomes: searching for needles in a haystack. *Genome Research*, **15**, 1746–58.
- Venables, A.J. (2016). Using natural resources for development: why has it proven so difficult? *Journal of Economic Perspectives*, **30**, 161–84.
- Venter, O., Sanderson, E.W., Magrath, A., *et al.* (2016). Sixteen years of change in the global terrestrial human footprint and implications for biodiversity conservation. *Nature Communications*, **7**, 12558. DOI: 10.1038/ncomms12558.
- Verhegghen, A., Eva, H., Ceccherini, G., *et al.* (2016). The potential of sentinel satellites for burnt area mapping and monitoring in the Congo Basin forests. *Remote Sensing*, **8**, 986.
- Virunga National Park (n.d.). *Virunga Alliance*. Kivu Nord, DRC: Virunga National Park. Available at: <https://virunga.org/virunga-alliance/>. Accessed July 20, 2017.
- Wade, R.H. (2011). *Boulevard of Broken Dreams: The Inside Story of the World Bank's Polonoeste Road Project in Brazil's Amazon*. London, UK: Grantham Research Institute on Climate Change and the Environment. Available at: http://www.lse.ac.uk/GranthamInstitute/wp-content/uploads/2014/02/WP55_world-bank-road-project-brazil.pdf.
- Wadman, M. (2017a). Activists battle US government in court over making animal welfare reports public. *Science*, May 24, 2017. Available at: <http://www.sciencemag.org/news/2017/05/should-animal-welfare-reports-automatically-be-public-courts-prepare-weigh>.
- Wadman, M. (2017b). More groups sue to force USDA to restore online animal welfare records. *Science*, February 22, 2017. Available at: <http://www.sciencemag.org/news/2017/02/breaking-reversal-usda-reposts-some-animal-welfare-records-it-had-scrubbed-website>.
- Wallace, A.R. (1849). On the monkeys of the Amazon. *Proceedings of the Zoological Society of London*, **20**, 107–10.
- Walsh, P.D., Abernethy, K.A., Bermejo, M., *et al.* (2003). Catastrophic ape decline in western equatorial Africa. *Nature*, **422**, 611. DOI: 10.1038/nature01566. Available at: <https://www.nature.com/articles/nature01566#supplementary-information>.
- Walsh, P.D., Biek, R. and Real, L.A. (2005). Wave-like spread of Ebola Zaire. *PLoS Biology*, **3**, e371. DOI: 10.1371/journal.pbio.0030371.
- Walston, J., Robinson, J.G., Bennett, E.L., *et al.* (2010). Bringing the tiger back from the brink: the six percent solution. *PLoS Biology*, **8**, e1000485. DOI: 10.1371/journal.pbio.1000485.
- Wanshel, E. (2016). 'World's loneliest chimp', abandoned on a small island, gets cuddly teddy bear after three years alone. *Huffington Post*. Available at: www.huffingtonpost.com/entry/ponso-chimp-abandoned-on-island-gets-teddy-bear_us_56d9f24be4b0ffe6f8e95fc3.
- Warigi, G. (2015). Uganda's change of mind on pipeline and the headache it is giving Kenya. *Daily Nation*, Available at: <http://allafrica.com/stories/201510250142.html>.
- Watkins, K., Chansopheaktra, S., Brander, L., *et al.* (2016). *Mapping and Valuing Ecosystem Services in Monduliri: Outcomes and Recommendations for Sustainable and Inclusive Land Use Planning in Cambodia*. Phnom Penh, Cambodia: World Wide Fund for Nature (WWF), Cambodia.
- Watson, J.E.M., Shanahan, D.F., Di Marco, M., *et al.* (2016). Catastrophic declines in wilderness areas undermine global environment targets. *Current Biology*, **26**, 2929–34. DOI: <https://doi.org/10.1016/j.cub.2016.08.049>.
- Watts, D.P. (1984). Composition and variability of mountain gorilla diets in the central Virungas. *American Journal of Primatology*, **7**, 323–56. DOI: 10.1002/ajp.1350070403.
- Watts, D.P. (1989). Infanticide in mountain gorillas: new cases and a reconsideration of the evidence. *Ethology*, **81**, 1–18. DOI: 10.1111/j.1439–0310.1989.tb00754.x.
- Watts, D.P., Muller, M., Amsler, S.J., Mbabazi, G. and Mitani, J.C. (2006). Lethal intergroup aggression by chimpanzees in Kibale National Park, Uganda. *American Journal of Primatology*, **68**, 161–80. DOI: 10.1002/ajp.20214.
- WBCSD (n.d.). *Natural Capital Protocol Toolkit*. Geneva, Switzerland: World Business Council for Sustainable Development (WBCSD). Available at: www.naturalcapitaltoolkit.org.

- WCD (2000). *Dams and Development: A New Framework for Decision-making*. World Commission on Dams (WCD). London, UK: Earthscan Publications. Available at: https://www.internationalrivers.org/sites/default/files/attached-files/world_commission_on_dams_final_report.pdf.
- WCS (2011). *Projet pour la Protection des Populations de Gorilles et la Conservation de la Biodiversité dans la Forêt de Deng – Deng. SYNTHÈSE DES ACTIVITÉS 2009 – 2010*. Yaoundé, Cameroon: Wildlife Conservation Society (WCS). Available at: <https://programs.wcs.org/cameroon/Wild-Places/Deng-Deng-National-Park.aspx>.
- WCS (2015a). *Biological monitoring, Tanintharyi*. Unpublished survey reports. Yangon, Myanmar: Wildlife Conservation Society (WCS).
- WCS (2015b). *Projet pour la Protection des Populations de Gorilles et de Chimpanzés, et Conservation de la Biodiversité dans la Forêt de Deng - Deng Région de l'Est Cameroun. RAPPORT FINAL*. Yaoundé, Cameroon: Wildlife Conservation Society (WCS). Available at: <https://programs.wcs.org/cameroon/>.
- WCS (2015c). *Survey of the Lokofa Block of the Salonga National Park*. Kinshasa, DRC: Wildlife Conservation Society (WCS).
- WCS (n.d.). *Superhighway Rerouted and Wildlife Saved!* New York, NY: Wildlife Conservation Society (WCS). Available at: <https://secure.wcs.org/campaign/superhighway-thank-you>. Accessed August, 2017.
- Weinhold, D. and Reis, E. (2008). Transportation costs and the spatial distribution of land use in the Brazilian Amazon. *Global Environmental Change*, **18**, 54–68. DOI: <https://doi.org/10.1016/j.gloenvcha.2007.06.004>.
- Weng, L., Boedihartono, A.K., Dirks, P.H.G.M., et al. (2013). Mineral industries, growth corridors and agricultural development in Africa. *Global Food Security*, **2**, 195–202. DOI: <https://doi.org/10.1016/j.gfs.2013.07.003>.
- Wenstöp, F.E. and Carlsen, A.J. (1988). Ranking hydroelectric power projects with multicriteria decision analysis. *Interfaces*, **18**, 36–48. DOI: [10.1287/inte.18.4.36](https://doi.org/10.1287/inte.18.4.36).
- White, A. and Fa, J.E. (2014). The bigger picture: indirect impacts of extractive industries on apes and ape habitat. In *State of the Apes: Extractive Industries and Ape Conservation*, ed. Arcus Foundation. Cambridge, UK: Cambridge University Press, pp. 197–225.
- Whitelaw, E. and Macmullan, E. (2002). A framework for estimating the costs and benefits of dam removal. *BioScience*, **52**, 724–30. DOI: [10.1641/0006-3568\(2002\)052\[0724:AFFETC\]2.0.CO;2](https://doi.org/10.1641/0006-3568(2002)052[0724:AFFETC]2.0.CO;2).
- Whittaker, D. and Geissmann, T. (2008). *Hylobates klossii*. *The IUCN Red List of Threatened Species 2008: e.T10547A3199263*. Gland, Switzerland: International Union for Conservation of Nature (IUCN). Available at: <http://www.iucnredlist.org/details/10547/0>. Accessed November 15, 2016.
- Wich, S.A., de Vries, H. and Ancrenaz, M. (2009a). Orangutan life history variation. In *Orangutans: Geographic Variation in Behavioral Ecology and Conservation*, ed. S. A. Wich, S. Utami Atmoko, T. Mitra Setia and C. P. Van Schaik. Oxford, UK: Oxford University Press, pp. 65–75.
- Wich, S.A., Fredriksson, G.M., Usher, G., et al. (2012a). Hunting of Sumatran orang-utans and its importance in determining distribution and density. *Biological Conservation*, **146**, 163–9. DOI: <https://doi.org/10.1016/j.biocon.2011.12.006>.
- Wich, S.A., Garcia-Ulloa, J., Kühl, Hjalmar S., et al. (2014). Will oil palm's homecoming spell doom for Africa's great apes? *Current Biology*, **24**, 1659–63. DOI: <https://doi.org/10.1016/j.cub.2014.05.077>.
- Wich, S.A., Gaveau, D., Abram, N., et al. (2012b). Understanding the impacts of land-use policies on a threatened species: is there a future for the Bornean orang-utan? *PLoS One*, **7**, e49142. DOI: [10.1371/journal.pone.0049142](https://doi.org/10.1371/journal.pone.0049142).
- Wich, S.A., Geurts, M.L., Mitra Setia, T. and Utami Atmoko, S.S. (2006). Influence of fruit availability on Sumatran orangutan sociality and reproduction. In *Feeding Ecology in Apes and Other Primates: Ecological, Physical and Behavioral Aspects*, ed. G. Hohmann, M. M. Robbins and C. Boesch. New York, NY: Cambridge University Press, pp. 337–58.
- Wich, S.A., Meijaard, E., Marshall, A.J., et al. (2008). Distribution and conservation status of the orang-utan (*Pongo spp.*) on Borneo and Sumatra: how many remain? *Oryx*, **42**, 329–39. DOI: [10.1017/S003060530800197X](https://doi.org/10.1017/S003060530800197X).
- Wich, S., Riswan, J.J., Refish, J. and Nelleman, C. (2011). *Orangutans and the Economics of Sustainable Forest Management in Sumatra*. Norway: UNEP, GRASP, PanEco, YEL, ICRAF, GRID-Arendal, Birkeland Trykkeri AS. Available at: www.grida.no/search?query=Orangutans+and+the+Economics+of+Sustainable+Forest+Management+in+Sumatra.
- Wich, S.A., Singleton, I., Nowak, M.G., et al. (2016). Land-cover changes predict steep declines for the Sumatran orangutan (*Pongo abelii*). *Science Advances*, **2**. DOI: [10.1126/sciadv.1500789](https://doi.org/10.1126/sciadv.1500789).

- Wich, S.A., Utami Atmoko, S., Mitra Setia, M. and Van Schaik, C.P., ed. (2009b). *Orangutans: Geographic Variation in Behavioral Ecology and Conservation*. Oxford, UK: Oxford University Press.
- Wich, S.A., Utami Atmoko, S.S., Mitra Setia, M., *et al.* (2004). Life history of wild Sumatran orangutans (*Pongo abelii*). *Journal of Human Evolution*, **47**, 385–98. DOI: <https://doi.org/10.1016/j.jhevol.2004.08.006>.
- Wikramanayake, E., Dinerstein, E., Seidensticker, J., *et al.* (2011). A landscape-based conservation strategy to double the wild tiger population. *Conservation Letters*, **4**, 219–27. DOI: [10.1111/j.1755-263X.2010.00162.x](https://doi.org/10.1111/j.1755-263X.2010.00162.x).
- Wilcox, B.A. (1978). Supersaturated island faunas: a species-age relationship for lizards on post-Pleistocene land-bridge islands. *Science*, **199**, 996–8. DOI: [10.1126/science.199.4332.996](https://doi.org/10.1126/science.199.4332.996).
- Wildlife Impact (2015). *An analysis of the current status, challenges and opportunities in the African ape sanctuary sector: recommendations for prioritizing support and activities*. Internal report for the Arcus Foundation.
- Wildlife Impact (2016). *Priority landscapes: conservation planning and captive care capacity*. Internal report for the Arcus Foundation.
- Wildman, L. (2013). Dam removal: a history of decision points. In *The Challenges of Dam Removal and River Restoration. Reviews in Engineering Geology*, XXI, ed. J. V. De Graff and J. E. Evans: Geological Society of America, pp. 1–10. Available at: <http://geoscienceworld.org/content/the-challenges-of-dam-removal-and-river-restoration>.
- Wilkie, D., Shaw, E., Rotberg, F., Morelli, G. and Auzel, P. (2000). Roads, development, and conservation in the Congo Basin. *Conservation Biology*, **14**, 1614–22. DOI: [10.1111/j.1523-1739.2000.99102.x](https://doi.org/10.1111/j.1523-1739.2000.99102.x).
- Willems, W.J.H. and Van Schaik, H.P.J. (2015). *Water and Heritage: Material, Conceptual, and Spiritual Connections*. Leiden, the Netherlands: Sidestone Press. Available at: <https://www.sidestone.com/books/water-heritage>. Accessed October 7, 2016.
- Williams, J.M., Lonsdorf, E.V., Wilson, M.L., *et al.* (2008). Causes of death in the Kasekela chimpanzees of Gombe National Park, Tanzania. *American Journal of Primatology*, **70**, 766–77. DOI: [10.1002/ajp.20573](https://doi.org/10.1002/ajp.20573).
- Williams, S. (2015). Moving the economy forward. *ABM (African Business Magazine)*, January 14, 2015. Available at: <http://africanbusinessmagazine.com/company-profile/african-development-bank/moving-economy-forward/>.
- Williamson, E.A. (2014). Mountain gorillas: a shifting demographic landscape. In *Primates and Cetaceans: Field Research and Conservation of Complex Mammalian Societies*, ed. J. Yamagiwa and L. Karczmarsk. Tokyo, Japan: Springer.
- Williamson, E.A. and Butynski, T.M. (2013a). *Gorilla beringei* eastern gorilla. In *Mammals of Africa. Volume II: Primates*, ed. T. M. Butynski, J. Kingdon and J. Kalina. London, UK: Bloomsbury Publishing, pp. 45–53.
- Williamson, E.A. and Butynski, T.M. (2013b). *Gorilla gorilla* western gorilla. In *Mammals of Africa. Volume II: Primates*, ed. T. M. Butynski, J. Kingdon and J. Kalina. London, UK: Bloomsbury Publishing, pp. 39–45.
- Williamson, E.A., Maisels, F.G., Groves, C.P., *et al.* (2013). Hominidae. In *Handbook of the Mammals of the World. Volume 3: Primates*, ed. R. A. Mittermeier, A. B. Rylands and D. E. Wilson. Barcelona, Spain: Lynx Edicions, pp. 792–854.
- Williamson, E.A., Rawson, B.M., Cheyne, S.M., Meijaard, E. and Wich, S.A. (2014). Ecological impacts of extractive industries on ape populations. In *State of the Apes: Extractive Industries and Ape Conservation*, ed. Arcus Foundation. Cambridge, UK: Cambridge University Press, pp. 65–99.
- Wilson, D. and Reeder, D. (2005). *Mammal Species of the World: A Taxonomic and Geographic Reference*. Baltimore, MD: Johns Hopkins University Press.
- Wilson, H.B., Meijaard, E., Venter, O., Ancrenaz, M. and Possingham, H.P. (2014a). Conservation strategies for orangutans: reintroduction versus habitat preservation and the benefits of sustainably logged forest. *PLoS One*, **9**, e102174. DOI: [10.1371/journal.pone.0102174](https://doi.org/10.1371/journal.pone.0102174).
- Wilson, M.L., Boesch, C., Fruth, B., *et al.* (2014b). Lethal aggression in *Pan* is better explained by adaptive strategies than human impacts. *Nature*, **513**, 414. DOI: [10.1038/nature13727](https://doi.org/10.1038/nature13727).
- Wilson, M.L. and Wrangham, R.W. (2003). Intergroup relations in chimpanzees. *Annual Review of Anthropology*, **32**, 363–92. DOI: [10.1146/annurev.anthro.32.061002.120046](https://doi.org/10.1146/annurev.anthro.32.061002.120046).
- Winders, D. (2017). *USDA Blackout: Scrutinizing the Deletion of Thousands of Animal Welfare Act-Related Records*. American Bar Association Animal Law Committee. Available at: <http://apps.americanbar.org/dch/thedl.cfm?filename=/IL201050/relatedresources/Summer2017.pdf>.

- Winemiller, K.O., McIntyre, P.B., Castello, L., *et al.* (2016). Balancing hydropower and biodiversity in the Amazon, Congo, and Mekong. *Science*, **351**, 128–9. DOI: 10.1126/science.aac7082.
- Withanage, H., Masayda, R., Hernandez, R. and Neura, A. (2006). *Development Debacles: A Look into ADB's Involvement in Environmental Degradation, Involuntary Resettlement and Violation of Indigenous People's Rights*. Quezon City, Philippines: NGO Forum on ADB.
- Wood, C. (2003). *Environmental Impact Assessment in Developing Countries: An Overview*. Manchester, UK: University of Manchester.
- World Bank (2008). *Project Appraisal Document on a Proposed Grant in the Amount of SDR 32 Million (US\$50 Million Equivalent) to the Democratic Republic of Congo for a High-Priority Road Reopening and Maintenance Project, Pro-Routes*. Report No. 40028. Africa Transport Sector, Country Department AFCC2, Africa Regional Office. Washington DC: World Bank.
- World Bank (2009). *Integrated Safeguards Data Sheet Concept Stage: Lom Pangar Hydropower Project*. Yaoundé, Cameroon: World Bank. Available at: <http://documents.worldbank.org/curated/en/346811468232166551/pdf/IntegratedSafioSheetConceptoStage.pdf>.
- World Bank (2012a). *Cameroon: Lom Pangar Hydropower Project (FY12)*. Washington DC: World Bank. Available at: <http://documents.worldbank.org/curated/en/540341468017355999/Cameroon-Lom-Pangar-Hydropower-Project-FY12>.
- World Bank (2012b). *Fact Sheet Lom Pangar Hydropower Project, Cameroon*. Washington DC: World Bank. Available at: http://siteresources.worldbank.org/INTCAMEROON/Resources/LPHP_Fact_Sheet_Mar2012.pdf.
- World Bank (2012c). *Project Appraisal Document on a Proposed Credit in the Amount of SDR 85.2 Million (US\$132 Million Equivalent) to the Republic of Cameroon for a Lom Pangar Hydropower Project*. Washington DC: World Bank. Available at: <http://siteresources.worldbank.org/INTCAMEROON/Resources/LPHP-PAD-Mar2012.pdf>.
- World Bank (2013a). *Operational Manual OP 4.01: Environmental Assessment. Revised April 2013*. Washington DC: World Bank. Available at: <https://policies.worldbank.org/sites/ppf3/PPFDocuments/090224b0822f7384.pdf>.
- World Bank (2013b). *Operational Manual OP 4.04: Natural Habitats*. Washington DC: World Bank. Available at: <https://policies.worldbank.org/sites/ppf3/PPFDocuments/090224b0822f74ac.pdf>. Accessed March 8, 2017.
- World Bank (2013c). *Operational Manual OP 4.36: Forests*. Washington DC: World Bank. Available at: <https://policies.worldbank.org/sites/ppf3/PPFDocuments/090224b0822f8a50.pdf>. Accessed March 8, 2018.
- World Bank (2016a). *Forest Action Plan FY16-20*. Washington DC: World Bank. Available at: documents.worldbank.org/curated/en/240231467291388831/Forest-action-plan-FY16-20.
- World Bank (2016b). *Global Tiger Initiative*. Washington DC: World Bank. Available at: <http://www.worldbank.org/en/topic/environment/brief/the-global-tiger-initiative>.
- World Bank (2016c). *New Environmental and Social Framework*. Washington DC: World Bank. Available at: <http://www.worldbank.org/en/news/feature/2016/08/05/the-new-environmental-and-social-framework>.
- World Bank (2016d). *Projet d'Appui à l'Ouverture et l'Entretien des Routes Hautement Prioritaires (Pro Routes)*. RDC, World Bank.
- World Bank (2017). *The World Bank Environmental and Social Framework*. Washington DC: World Bank. Available at: <http://documents.worldbank.org/curated/en/383011492423734099/pdf/114278-WP-PUBLIC-13-4-2017-11-23-38-EnvironmentalandSocialFrameworkWeb.pdf#page=81&zooom=80>.
- World Bank (n.d.-a). *Congo DRC: Pro-Routes Project (Additional Financing)*. Washington DC: World Bank. Available at: www.projects.worldbank.org/P120709/congo-drc-pro-routes-project-additional-financing?lang=en&tab=detail.
- World Bank (n.d.-b). *Environmental and Social Policies for Projects*. Washington DC: World Bank. Available at: www.worldbank.org/en/programs/environmental-and-social-policies-for-projects. Accessed October, 2017.
- World Bank (n.d.-c). *The Chad-Cameroon Petroleum Development and Pipeline Project: Environmental and Social*. Washington DC: World Bank. Available at: <http://web.worldbank.org/archive/website01210/WEB/0CON-5.HTM>.
- World Bank (n.d.-d). *The Environmental and Social Framework*. Washington DC: World Bank. Available at: <http://www.worldbank.org/en/programs/environmental-and-social-policies-for-projects/brief/the-environmental-and-social-framework-esf>.

- Wrangham, R. (2013). *Presentation on reintroduction of African apes*. Presented at: PASA 2013 Great Ape Reintroduction Workshop, September 14–18, 2013, Chester, UK.
- Wrangham, R.W. (1986). Ecology and social relationships in two species of chimpanzee. In *Ecological Aspects of Social Evolution: Birds and Mammals*, ed. D. I. Rubenstein and R. W. Wrangham. Princeton, NJ: Princeton University Press, pp. 352–37.
- WRI and MECNT (2010). *Atlas Forestier Interactif de la République Démocratique du Congo: Document de Synthèse*. Washington DC: World Resources Institute (WRI) and Ministry for Environment, Nature Conservation and Tourism (MECNT) of the Republic of Congo. Available at: https://www.wri.org/sites/default/files/pdf/interactive_forest_atlas_drc_fr.pdf.
- Wright, E., Grueter, C.C., Seiler, N., et al. (2015). Energetic responses to variation in food availability in the two mountain gorilla populations (*Gorilla beringei beringei*). *American Journal of Physical Anthropology*, **158**, 487–500. DOI: 10.1002/ajpa.22808.
- WSP (2011). *Water Supply and Sanitation in the Democratic Republic of Congo: Turning Finance into Services for 2015 and Beyond*. Nairobi, Kenya: Water and Sanitation Program (WSP), Africa Region, World Bank.
- Wu, S.-S. (2016). Singapore-Kunming rail link: a 'belt and road' case study. *The Diplomat*, June, 2016. Available at: <http://thediplomat.com/2016/06/singapore-kunming-rail-link-a-belt-and-road-case-study/>.
- WWF (2006). *Free-Flowing Rivers: Economic Luxury or Ecological Necessity?* Zeist, the Netherlands: World Wide Fund for Nature (WWF), Netherlands.
- WWF (2014). Driving change in Asia: newly open, Myanmar is a treasure trove of natural assets, cultural diversity and enthusiasm for the future. *World Wildlife Magazine*. Available at: <https://www.worldwildlife.org/magazine/issues/spring-2014>.
- WWF (2015a). *A Global Assessment of Extractive Activity within World Heritage Sites*. Gland, Switzerland: World Wide Fund for Nature (WWF)-International.
- WWF (2015b). *The Integrated Resources Corridor Initiative: Scoping Study and Business Plan*. Nairobi, Kenya: World Wide Fund for Nature (WWF) Regional Office for Africa. Available at: http://www.adamsmithinternational.com/documents/resource-uploads/IRCI_Scoping_Report_Business_Plan.pdf.
- WWF (2016). *Biodiversity survey, Tanintharyi*. Unpublished survey reports. Yangon, Myanmar: World Wide Fund for Nature (WWF).
- WWF (n.d.-a). *Borneo Mammals*. World Wide Fund for Nature (WWF). Available at: wwf.panda.org/what_we_do/where_we_work/borneo_forests/about_borneo_forests/borneo_animals/borneo_mammals/. Accessed September 12, 2017.
- WWF (n.d.-b). *Borneo Wildlife*. World Wide Fund for Nature (WWF). Available at: http://wwf.panda.org/what_we_do/where_we_work/borneo_forests/about_borneo_forests/borneo_animals/. Accessed September 12, 2017.
- WWF and Dalberg (2012). *Fighting Illicit Wildlife Trafficking: A Consultation with Governments*. Gland, Switzerland: World Wide Fund for Nature (WWF) International. Available at: http://www.dalberg.com/documents/WWF_Wildlife_Trafficking.pdf.
- WWF and TERE (2014). *Evaluation Préliminaire des Appuis à l'ICCN en Matière de Gestion Participative des Aires Protégées*. Kinshasa, DRC: Ministère des infrastructures, travaux publics et reconstruction, Cellule Infrastructures, Projet Pro-Routes.
- WWF and TRAFFIC (2015). *Strategies for Fighting Corruption in Wildlife Conservation: A Primer*. World Wide Fund for Nature (WWF) and TRAFFIC Wildlife Crime Initiative. Available at: http://d2ouvy59podg6k.cloudfront.net/downloads/wci_strategies_for_fighting_corruption_wildlife_conservation.pdf.
- Wyatt, T. and Ngoc Cao, A. (2015). *Corruption and Wildlife Trafficking*. U4 Anti-Corruption Resource Centre. Available at: <http://issuu.com/cmi-norway/docs/150603144854-73fa106fbd71418f9a0afa481e93443f/1?e=0>.
- Yamagiwa, J. and Basabose, A.K. (2009). Fallback foods and dietary partitioning among *Pan* and *Gorilla*. *American Journal of Physical Anthropology*, **140**, 739–50. DOI: 10.1002/ajpa.21102.
- Yamagiwa, J., Basabose, A.K., Kaleme, K. and Yumoto, T. (2003). Within-group feeding competition and socio-ecological factors influencing social organisation of gorillas in the Kahuzi-Biega National Park, Democratic Republic of Congo. In *Gorilla Biology*, ed. A. B. Taylor and M. L. Goldsmith. Cambridge, UK: Cambridge University Press, pp. 328–57.

- Zarfl, C., Lumsdon, A.E., Berlekamp, J., Tydecks, L. and Tockner, K. (2015). A global boom in hydropower dam construction. *Aquatic Sciences*, **77**, 161–70. DOI: 10.1007/s00027-014-0377-0.
- Zhang, W., Hu, Y., Chen, B., *et al.* (2007). Evaluation of habitat fragmentation of giant panda (*Ailuropoda melanoleuca*) on the north slopes of Daxiangling Mountains, Sichuan province, China. *Animal Biology*, **57**, 485–500. DOI: <https://doi.org/10.1163/157075607782232107>.
- Zhou, J., Wei, F., Li, M., Pui Lok, C.B. and Wang, D. (2008). Reproductive characters and mating behaviour of wild *Nomascus hainanus*. *International Journal of Primatology*, **29**, 1037–46. DOI: 10.1007/s10764-008-9272-7.